

### 1. #ID 3684098

#### Inginer SCADA - Teletrans

Timisoara | Inginerie | IT / Telecom

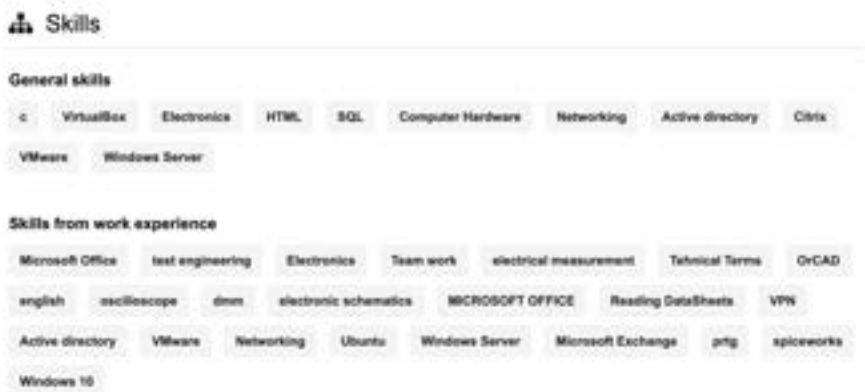
- Monitorizarea, întreținerea și optimizarea sistemelor SCADA utilizate pentru infrastructura energetică.
- Participare activă la implementarea și configurarea echipamentelor de comunicații industriale.
- Asigurarea suportului tehnic pentru rețele și aplicații SCADA în cadrul proiectelor regionale.

### 2. #ID 3317885

#### IT System Engineer - SCADA - Termoficare Oradea SA

Oradea | IT Hardware | IT / Telecom

- design, update & troubleshoot HMI applications for the SCADA system using Ignition software
- troubleshoot SCADA network infrastructure
- network devices configurations for the SCADA system & internal IT infrastructure
- backup policies for the SCADA system
- documentations for the SCADA system & IT network
- network monitoring & troubleshooting
- software installations & PC \ Laptop configurations
- develop and maintain company's website
- technical support for internal users



### 3.

#### inginer SCADA - sef tura - Statia de epurare ape uzate menajere - Compania Regionala de Apa Bacau

Bacau | Protectia mediului | Protectia mediului

- coordonarea activității de exploatare a Stației de Epurare;

- *supravegherea și îndrumarea personalului din subordine pentru urmărirea și reglarea, în mod sistematic, a procesului tehnologic de epurare mecanobiologică a apelor uzate și pluviale în condiții optime de funcționare;*
- *utilizarea eficientă a resurselor atribuite (energie electrică, polimeri lichizi și solizi, clorură ferică, etc) în vederea încadrării în consumurile specifice;*
- *operarea proceselor tehnologice din cadrul Stației de Epurare a apei uzate cu ajutorul SCADA pe linia apei, a nămolului și a biogazului;*
- *monitorizarea bunei funcționări a echipamentelor SCADA prin:*
  - *vizualizarea procesului,*
  - *funcții centralizate de monitorizare (SCADA),*
  - *funcții centralizate de conducere a procesului de epurare,*
  - *alarme,*
  - *raportarea parametrilor referitori la debit nămol și umidițati nămol, la debit apă, la debit soluție polimer (electronic și scriptic) și comunicații prin rețeaua informatică*
- *supravegherea funcționării utilajelor din dotarea Stației de Epurare*
- *realizarea programelor operative de lucru privind remedierea avariilor transmise la SCADA prin alarme activate*
- *responsabilitatea încadrării indicatorilor de calitate ai apelor epurate, deversate în emisar, în limitele de calitate prevazute de normativele în vigoare, respectiv NTPA 001 / 2005 și Autorizația de Gospodărire a Apelor (și consemnate în evidența primară a Stației de Epurare).*

#### **4. inginer SCADA - S.C. Coral Constructii**

*Tulcea | Inginerie | Constructii*

*CORAL este o compania românească de antrepriză generală cu experienta in domeniul constructiilor, oferind servicii complete de proiectare, planificare, dezvoltare și execuție a lucrarilor de anvergura mare si medie in domeniile :*

- *Infrastructura de apa / apa uzata*
- *Imbunatatiri funciare, lucrari hidrotehnice si managementul deseurilor*
- *Lucrari civile*
- *Restaurare si consolidare monumente istorice*

*Printre responsabilitatile si activitatile desfasurate mentionez :*

*Realizarea unui sistem SCADA pentru trei stații de epurare din județul Buzău, utilizând sistemul SCADA Vijeo Citect, automate si HMI Visu+ Phoenix Contact, automate Twido Schneider Electric.*

*Participare in toate etapele proiectului si anume : proiectare, executie si supervizare atat in ceea ce priveste sistemul software cat si automatizarile necesare diverselor procese specifice.*

*Realizarea unor algoritmi proprii de control al diverselor procese specifice precum denitrificarea, oxigenarea, deshidratarea, etc.*

*Configurarea diverselor echipamente specifice însemnând convertizoare de frecventa, softstart-ere, utilaje automatizate.*

*Implementarea LAN-ului local si configurarea echipamentelor de comunicație (switch-uri).*

*Instruirea personalului stațiilor de epurare in ceea ce privește sistemul SCADA cat si a diverselor echipamente existente.*

*Participare in finalizarea lucrărilor de electrice si SCADA aferente stației de tratare apa potabila aferenta municipiului Tulcea.*

*Finalizare lucrări specifice de integrare a echipamentelor aferente deshidratării utilizând automate Omron, parametrizare si configurare echipament de telecomunicatii, echipament de control al pompelor, convertizoare de frecventa.*

*Creare de diferite rapoarte utilizand SQL si Crystal Reports pentru software-ul de ERP Scala al companiei*

5.

**Electrical Engineer / Designer / SCADA - S.C. EXIMPROD GRUP S.A.**

Bucharest | Engineering | Energy

1. Purpose of the job:

- Performs automation / measurement works in transformer stations, supply points, transformer stations
- Performs secondary circuit works and relay protections for power plants and power stations
- **Preparation of documentation at PT / DE level**
- Supporting the solution at the approval level
- **Participation in FAT / PIF / SAT**
- AsBuild training

2. The main responsibilities and tasks.

2.1 SCADA / PRAM:

- Preparation of connection schemes, according to internal procedures;
- Preparation of local configuration according to the concept;
- Field implementation of the configuration;
- Relay communication parameterization;
- Testing according to test bulletins;
- FAT / PIF testing assistance;

- Carries out automation / measurement works in transformation stations, supply points, transformation stations in the installations energy;
- Execution and verification of secondary circuits;
- Performs accidental intervention works in transformer stations, supply points, transformer substations, systems distribution automation (SAD) and SCADA, in case of damages, incidents and failures that occur in the secondary switching;
- Participates in the project team set up for the elaboration of documentations;

## 2.2 DESIGN.

- elaborates electrical diagrams, detailed drawings and general drawings
- designs electrical panels and distribution boxes

### SolidWorks

#### Eplan

research and documentation

Parameterization SIEMENS relays

Parameterization ABB relays

Parameterization THYTRONIC relays

Design of secondary circuits for Transformation Stations and Connection Points

Parameterization EFACEC relays

MV electrical design

Eplan PROPANEL(3D)

- 1.National Authority for Energy Regulation ♦ A.N.R.E. Grade IIA + IIB Electrician
- 2.Cisco Certified Network Associate
- 2.1 CCNA 1(finalizat)
- 2.2 CCNA2(nefinalizat)

6.



7.

**Offshore I&C Commissioning Engineer - Siemens-Energy**

Bucharest | Engineering | Energy

- Responsible for performing all I&C commissioning activities for the assigned systems, ensuring safe and reliable operation of the equipment as specified;
- Perform all I&C commissioning activities for the assigned systems, ensuring safe and reliable operation of the equipment as specified and liaises with other involved parties such as erection, sub-contractors, engineering, employer and authorities;
- Comply with site regulations, EHS requirements, PTW and RFFE procedure. Act as Electrically Skilled Person within the context of the PTW, thus providing safe working conditions after ECC issuance;
- Participate in the system walkdown and handover process with erection team. Take over the respective system by signing the Erection Clearance Certificate and contribute to the LOP list;
- Put in place I&C instructions for abnormal operational situations which are not covered in the O&M manual;
- Prepare commissioning site documentation TQSC and the required Red Line documentation on time;
- Conduct and document the On-The-Job Training to the Customer.

### **Engineering PLC Scada pcs7 commissioning**

#### **SCADA Commissioning Engineer - Siemens-Energy**

Bucharest | Engineering | Energy

- Responsibility for the networks and individual components of the SCADA level in the context of control technology for high-voltage direct current transmission projects (HVDC)

- Commissioning of the mostly TCP-based network infrastructure

- Support and control of the HMI concept and its purpose-specific adaptation

- Interface to all other signal suppliers involved through responsibility for time synchronization and the local and remote signal converters

- Planning and implementation of training courses regarding network / HMI / signal converters for our internal employees and external customers

- Support of the other commissioning components and after-sales in troubleshooting and checking the communication interfaces as well as in looking after the various systems among one another

### **PLC Scada commissioning**

#### **Project Engineer - Honeywell**

Bucharest | Engineering | Oil / Gas

- Develop & program control systems & software solutions; - Provide project execution development of control systems; - Define hardware requirements, execute validation protocols & plans;

Firewall Servers Scada cyber security

#### **SCADA Engineer - Yokogawa**

Bucharest | IT Software | Oil / Gas

- Analyse the business nature, and production processes followed by clients;
- Perform and create detailed design specifications;
- Developed the HMI graphics using P&ID's;
- Responsible for carrying out SCADA design, programming and configuration tasks on the basis of Conceptual Design information while applying company standards;
- Executing procedures for testing the software and carried out internal tests and Factory Acceptance Test (FAT);
- Site work, up to and including the Site Acceptance Test (SAT);
- Testing developed software against specified requirements. Tracking all issues was made using UTrack;
- Visit clients' production plants and provide technical solutions;
- Implementation of modifications and as-built processing;
- Supervise the construction of instrumentation and control systems;
- Created and carried out operator trainings on the Yokogawa software solutions;
- Installed and configured Plant Resource Manager in order to map all the plant;
- Compilation of customer and internal documentation.

stardom PLC Scada dcs pid fasttools IT Hardware

### **Engineer Field Re-Development Project - OMV-Petrom**

Moinesti | Oil / Gas | Oil / Gas

Completely integrated facility automation and control systems that provides operations management from the local control room to the dispatching center.

Operating the whole process of Field Re-Development Project Tazlau at Engineering level:

- Water treatment
- Chemicals consumption
- Water injection according to the plan
- PCS & SIS
- Electrical & Instrumentation

**pcs piping process optimization mechanical skills operator experience field development**

**Safety Integrity Systems Instrument&Controls**

### **Production Engineer - OMV-Petrom**

Moinesti | Oil / Gas | Oil / Gas

- Assisting and closely monitoring well operations. Tight collaboration with team leaders and floormen to ensure safe and efficient work;
- Participating in safety meetings before each operation to ensure safe and efficient operations;

- Maintaining a good knowledge of safe operating procedures according to PETROM procedures and HSE regulations;
- Executing procedures and carried out Factory Acceptance Test (FAT);
- Site work, up to and including the Site Acceptance Test (SAT);
- Experience with: drill pipe, drill collars, tubing, slips, tubing spider, crossover subs(thread connection types-Reg, IF, EUE), safety valve, rotary table, triplex pump, accumulator unit, top drive, BOPs(ram type - mechanical and hydraulic), fishing tools(overshot, spear and socket, dump bailer, impression blocks, junk basket, mills etc.) and fishing operations, acidizing and fracking, perforating, coiled tubing, mud motors.

Microsoft Office PLC fat process optimization scada systems pumps pipelines industrial automation  
Rod pump controller

### **Certifications**

BOSIET-OPITO, OPM L2 Certified, EPKS L3 Certified, TPS L2 Certified

8.

### **Inginer SCADA - Compania Municipala Termoenergetica Bucuresti**

Bucuresti | Inginerie | Energetica

- Manevre echipamente puncte termice de la distanta.
- Citire+interpretare valori.
- Identificarea si analizarea anomaliilor din retea.
- Receptii revizie puncte termice (instalatii electrice, pompe electrice, instalatii de automatizare).
- Analiza consum energie electrica.
- Referate achiztii materiale electrice.

9.

### **Inginer automatizari - Pet communication**

Constanta | Inginerie | Prestari servicii

Inginer SCADA. Modificare si diagnosticare soft PLC (Siemens), configurare de la zero soft HMI.

Interventii si diagnosticare probleme de natura electrica (automatizari). Lucru în WinCC 7.5/ 8, nivel mediu.

10.

### **SCADA Operator - Regional Water and Wastewater Company**

Bacau | Engineering | Services

Supervision and operation of the Drinking Water Treatment Plant in Bacau. (SCADA system, Data Acquisition, electrical equipment, PLC's, MODBUS networks, process data)

11.

### **Şef de Stații Scada - Distribuție Energie Oltenia**

Ramnicu Valcea | Inginerie | Energetica

Execută manevrele programate, sau accidentale, în stația respectivă.

### **Inginer PRAM - Distributie Energie Oltenia**

Ramnicu Valcea | Specialisti / Tehnicienii | Energetica

### **Inginer Electronist - S.C. PROSPECTIUNI S.A.**

Bucuresti | Inginerie | Petrol / Gaze

Responsabilitatile principale:

- realizarea activitatii de mentenanta a echipamentelor; montaj, punere in functiune, reparare si intretinere echipamentelor de comunicare radio;
- asigurarea mentenantei echipamentelor electrice si electronice folosite in teren la inregistrarea, cercetarea datelor seismice;
- interventii in teren pentru programarea echipamentelor, montare antene gps, emitatoare radio mobile si portabile;
- interventii in teren la echipele din Germania, Albania, Macedonia si Bulgaria, pentru montarea echipamentelor de comunicare radio.

Contract de colaborare:

- Inginer electronist la PRO Geofizyka Krakovia in perioada 01.04.2018-15.06.2018;
- Inginer elctronist la DMT Germania in perioda 20.01.2017-15.02.2017;
- Inginer Masuratori de Electrometrie la Geotec Consulting in Macedonia in perioda 03.08.2016-24.08.2016;
- Inginer elctronist la Prospectiuni in Albania in perioda 04.07.2015-11.09.2015;
- Inginer elctronist la Prospectiuni in Bulgaria in perioda 05.11.2015-26.11.2015;
- Inginer electronist la Ageximco, interventii in teren pentru programarea echipamentelor, montare antene gps, emitatoare radio mobile si portabile;



12.

**SCADA Operator - Regional Water and Wastewater Company**

Bacau | Engineering | Services

Supervision and operation of the Drinking Water Treatment Plant in Bacau. (SCADA system, Data Acquisition, electrical equipment, PLC's, MODBUS networks, process data)

13.

**Internship SCADA - EnergoBit SA**

Cluj-Napoca | Inginerie | Energetica

configurare vpn, configurare echipamente cisco, Scada, cisco switches and routers

14.

**SCADA Engineer - Siemens S.R.L.**

Bucuresti | IT Software | IT / Telecom

I got acquainted with specific technologies such as SICAM Device used as a means to supervise and control equipment located in electrical stations  
Parametrization of Network Switches and RTU's (Remote Terminal Units)

15.

**Inginer de sistem software SCADA & DMS - Energobit**

Cluj-Napoca | IT Software | Energetica

Integrare, parametrizare, punere in functie, monitorizare si mentenanta a sistemului SCADA in posturi (20/0,4 kV) si statii (110/20/6 kV) de transformare a energiei electrice.

Modelarea retelei de medie si joasa tensiune in DMS a principalelor sucursale SDEE Transilvania Nord (Cluj, Bistrita, Baia Mare, Satu Mare, Zalau)

16.

**SCADA Process Supervisor - SC RAJA SA Constanta**

Constanta | Specialists / Technicians | Services

Management of the internal SCADA system's computer network;  
Supervising and control of the water supply and distribution systems;  
On site interventions on telecommunications and remote control equipment;  
Analysis of problems encountered during different processes and providing solutions to improve the system.  
Active participation in the ongoing expansion of the company's SCADA system.  
Orange account manager for the company's mobile communication system (voice, data, m2m).

17.

### **Specialist Engineer - SIEMENS SRL, Bucuresti**

Targu-Mures | Inginerie | Energetica

- Responsabil de Proiectarea, Executarea, Testarea și Punerea în Funcțiune a echipamentelor de Control și Monitorizare SCADA , inclusiv a rețelei de comunicații și a echipamentelor anexe din sistemul informatic.
- Responsabil de executarea lucrărilor de Engineering și Managementul proiectelor in diferitele faze ale acestora in contact direct cu clientul final (Pre-FAT, FAT, SAT).
- Optimizarea sistemului SCADA in vederea imbunătățirii stabilității sistemului, a experienței utilizatorului și a creșterii performanței sistemului informatic.
- Responsabil de întocmirea de rapoarte de activitate, instrucțiuni și documentații de operare și utilizare, proceduri operaționale, fișe tehnologice pentru echipamente.
- Intocmirea rapoartelor de non-conformitate apărute pe parcursul etapelor desfășurate pe proiect si găsirea unor soluții optime si rapide pentru buna funcționare a sistemului până la remedierea problemelor ivite inopinant in tot procesul.
- Familiarizat in aceasta perioadă cu echipamentele/softurile industriale Ruggedcom, SIPROTEC 5, SICAM A8000 RTU, Meinberg / Sicam Device Manager, OPM ToolBox II și SCC+WinCC.

#### **Abilitati dobandite la locurile de munca**



18.

### **SCADA & Automation Project Manager - Adrem Engineering**

Bucuresti | Automatizari | Energetica

Coordonare si supraveghere pe proiecte destinate transportului de gaz natural la nivel national, in domeniul automatizarilor industriale si SCADA.

Mentinerea unei comunicari eficiente cu departamentele interne (juridic, HR, achizitii, logistica, dept tehnic, ofertare, QA/QC, SSM etc) si colaborarea stransa cu partenerii externi (sefi de santier, antreprenor general, subcontractori si furnizori).

Planificarea si supravegherea echipelor implicate, de cele mai multe ori multidisciplinare, formate din ingineri, manageri de lucrari, controlori de documente. Evaluarea necesarului de resurse materiale,

financiare si umane pentru derularea contractului/proiectului.

Generarea, urmarirea si actualizarea Graficului de executie GANTT (Microsoft Project), planificarea testelor de fabrica, SAT si PIF in conditiile contractuale.

Participarea la intalniri periodice cu echipa de management pentru a raporta progresul proiectului, provocarile intalnite, solutiile propuse, actualizari ale bugetului de venituri si cheltuieli.

Gestionarea contractelor si devizelor cu antreprenorul general si alti contractori si furnizori de bunuri si servicii necesare proiectului.

Intocmirea situatiilor de lucru, rapoartelor de activitate, proceselor verbale de receptie, adreselor si notificarilor in relatia cu clientii, furnizorii si subcontractantii, propune formatele de contract in vederea achizitiei de echipamente si servicii

Asigurarea conformitatii cu reglementarile si standardele in vigoare.

Monitorizarea bugetelor alocate si asigurarea faptului ca obiectivele financiare sunt indeplinite.

Evaluarea si gestionarea riscurilor, problemelor si schimbarilor care apar in proiect, asigurand ca masurile corective sunt implementate dupa cum este necesar.

Monitorizarea continua a calitatii lucrarilor si implementarea masurilor pentru a se asigura ca proiectele sunt livrate la cele mai inalte standarde de calitate.

Participarea la sedintele de inginerie de pe intreg parcursul proiectului, atat in faza de proiectare cat si in cele de achizitii, testare, executie si punere in functiune. Vizite in site pentru urmarirea progresului lucrarilor.

**AutoCAD Eplan Programare PLC Ladder Diagram cunostinte retelistica studio 5000 instalatii hidraulice FBD language**

19.

#### **Inginer automatist si SCADA - Compania de Apa Olt**

Slatina | Inginerie | Protectia mediului

Supraveghere si continua imbunatatire a procesului de epurare a apelor uzate orasenesti.

Lucrari de mentenanta accidentala si preventiva la echipamente ale firmei separatoare si ingrosatoare mecanice Hubber, separatoare Gea Westfalia, AWT, suflante Aerzen, senzori de PH, turbiditate, amoniu, nitrat si oxigen dizolvat Endress & Hauser, pompe ABS, Netzch si Wilo echipamente Di Tech...

Intretinerea si imbunatirea solutiei de automatizare/SCADA construite in jurul S7 300 + WinCC

Flexible, in functie de cerinte impuse de evolutia procesului.

P&ID.

20.

#### **Inginer SCADA - SC ENERGOBIT SRL**

Cluj-Napoca | Inginerie | Energetica

Configurare si paramentrizare sisteme SCADA in industria energetica.

21.

### **DCS Project Engineer - Honeywell**

Bucharest | Automation | Oil / Gas

Ensure all required design inputs, tools, documentation, and deliverables are in place prior to execution, aligning with project timelines, budgets, and quality standards.

Execute engineering and commissioning tasks with precision, following strict industry and project-specific quality guidelines under technical supervision.

Deliver end-to-end DCS implementation (Honeywell C300, ControlEdge PLCs, HPM), including system configuration, logic development, and hardware integration.

Design and implement Safety Instrumented Systems (SIS) such as ESD, BMS, F&G systems using Honeywell Safety Manager and Fail-Safe Controllers.

Develop and migrate HMI systems, including dynamic/static display elements, faceplates, and complete screen conversions between legacy and updated releases.

Create and review hardware documentation, including system cabinet drawings, I/O allocation, loop diagrams, power and heat dissipation calculations, and network/system architecture.

Provide technical recommendations to enhance engineering efficiency and quality, proactively identifying process improvements within the team.

Actively collaborate with interdisciplinary teams and share specialized knowledge across departments to ensure integrated, high-quality system delivery.

### **Servers Scada fte**

### **SCADA & Network Commissioning Engineer – HVDC Projects - Siemens Energy**

ABROAD | Automation | Energy

Responsible for the end-to-end commissioning and operational readiness of SCADA-level communication networks and components in high-voltage direct current (HVDC) transmission projects.

Oversee installation, configuration, and functional validation of communication cubicles, ensuring successful system power-up and correct operational mode in accordance with project specifications.

Execute and document test protocols for IT security, server infrastructure, time synchronization, system communication gateways, and overall network communication (TCP/IP-based).

Rapidly identify and resolve complex faults in communication infrastructure, including switches, routers, firewalls, and server systems, minimizing system downtime and ensuring stable performance.

Install, configure, and commission various site-based communication devices, contributing to robust and secure data flow across the SCADA network.

Support and adapt HMI concepts to project-specific requirements, ensuring optimal system visualization and operator interaction.

Manage time synchronization and signal conversion across local and remote systems, acting as the key interface between SCADA systems and all external signal suppliers.

Develop and deliver technical training programs on network infrastructure, HMI systems, and signal converter operations for both internal teams and customer personnel.  
Collaborate with multidisciplinary teams—including commissioning, operations, and after-sales—to support troubleshooting, optimize cross-system communication, and ensure long-term system reliability.

**22.**

### **Inginer SCADA - Eximprod Engineering**

Bucuresti | Inginerie | Energetica

- ❖ Implicare in proiecte de OMS pentru diversi clienti ai companiei prin: sedinte cu clientul pentru stabilirea functionalitatilor de care au nevoie, sedinte de workshop pentru validarea acestora, sesiuni de FAT, testari algoritmi de calcul ai indicatorilor QoS si al rapoartelor in confirmitate cu Ordinul 46/2021, data cleansing si importuri masive de baze de date de clienti si ADMS, validari interfete non-SCADA.
- ❖ Responsabil platforma ADMS pentru unul dintre clienti, realizez troubleshooting pentru problemele aparute la nivel de servere/sistem.
- ❖ Integrari in dispecerat si testare in vederea PIF a instalatiilor (statii, posturi de transformare si echipamente de comutatie).

**23.**

### **Inginer Specialist SCADA - DELGAZ GRID**

Iasi | Inginerie | Energetica

AutoCAD AutoCAD 2d Eplan siemens step7 Scada Siemens Simatic Step 7 siemens tia portal convertizoare frecventa

Instruiri diverse relee digitale și sisteme SCADA

perioada Oct 2007 - Iun 2024

Cunoștințe profunde de PRAM, SCADA, Proiectare, Sistem Energetic, Energie

Trainings: CNE Cernavoda - UA007, ANRE Authorization Grade II A, II B, Core Green Belt Training - Honeywell International Services, CISCO CCNA - Routing and Switching, PACiS Datalist Training, IEC 61850 Training, Databases configuration Using AREVA T&D/Schneider Electric/Alstom - PACiS Software.

**24.**

### **Scada Developer - ROMBAT (RO)**

Bistrita | Inginerie | Masini / Auto

Created a data logging system for specific production lines from production using KEPServerEX OPC server

- \* Created Siemens S7-1200 programs to use DMC/QR/Barcode readers
- \* Implemented a checking station for the manufactured batteries, S7-1200 program for data acquisition and decision making
- \* Designed a user interface (using node-red) for data and status display for each station that is being monitored
- \* Created the database to store information, using Xampp

Abilitati generale: Assembly design imds SolidWorks SPC Visual FoxPro dfmea PPAP

## 25.

### **Operator SCADA - Compania de Apa Oltenia S.A.**

Craiova | Inginerie | Administratie / Sector Public

Centrul Operational de Eficientizare a Calitatii Apei - Statia de Epurare Ape Uzate - Craiova

Pozitia ocupata in cadrul acestei statii a fost de coordonare si operare al sistemului de operare

"SCADA" acesta este oarecum "volanul" acestei statii de epurare.

Scopul general al postului a fost acela de a exploata si intretine echipamentele electrice, mecanice si hidraulice ce deservesc sectiunile de tratare pe linia apei uzate, linia namomului si biogazului.

## 26.

### **Automatist sistem SCADA - SC Compania de Apa Aries SA**

Turda | IT Hardware | Productie

Programarea, supervizarea si dezvoltarea modulelor Siemens in Step 7, Simocode ES, WINCC

Asigurarea functionarii modulelor de comanda, control si masurare a sistemului de pompare din cadrul Surselor de apa.

Dezvoltarea interfetei om-masina in functie de cerintele clientului

## 27.

### **Cybersecurity/SCADA Specialist - Delgaz Grid**

Iasi | IT Hardware | Energetica

In momentul de fata lucrez in firma Delgaz Grid, din grupul E-ON.

Sarcina mea este să administrez și să întrețin echipamente și sisteme de securitate IT: Cisco ASA, Firepower, Checkpoint.

-Administrarea rețelelor de comunicații de date: Cisco IOS, protocoale EIGRP, BGP.

-Administrare sisteme IT - cunostinte OS Windows, LINUX, UNIX/Solaris.

-Sunt responsabil pentru aplicarea măsurilor de corectare a vulnerabilităților (Vulnerability Management) și măsurile locale necesare pentru identificarea și remedierea incidentelor de securitate (Incident Detection, Incident Report) ale sistemelor și echipamentelor SCADA/SAD.

## **Inginer Automatist - Bifa Automatizari**

Iasi | Automatizari | Productie

- Realizare sisteme SCADA, utilizand: Simatic WinCC (Siemens), Vijeo Citect (Schneider), InfoU (LSIS), Reliance.
- Dezvoltare, testare si modificare scripturi interne ale aplicatiilor (C, C++, VBS)
- Realizare manuale de operare ale aplicatiilor SCADA
- Realizare tablouri electrice de automatizare, de distributie energie electrica
- Implementare sisteme Smart House cu KNX

**Microsoft Office WinCC Eplan WinCC Flexible Profibus hmi Siemens Simatic Step 7 tia portal Ladder Diagram eplan electric p8**

**28.**

## **SYSTEM SOFTWARE ENGINEER SCADA - ENERGObIT**

Cluj-Napoca | Inginerie | Energetica

- Proiectarea, implementarea si intretinerea sistemelor de supervisory control and data acquisition pentru clienti din diverse industrii.
- Dezvoltare si configurare de interfete HMI pentru a facilita monitorizarea si controlul proceselor industriale.
- Colaborare stransa cu echipele de inginerie si de automatizare pentru a integra sistemele SCADA cu echipamentele si dispozitivele din cadrul proceselor industriale.
- Diagnosticare si rezolvare eficienta a problemelor legate de sistemul SCADA, asigurand functionalitatea continua a proceselor.
- Participare activa la fazele de testare si punere in functiune a sistemelor SCADA in cadrul proiectelor.
- Implementare si optimizare de strategii de securitate pentru protejarea datelor si a sistemului SCADA impotriva amenintarilor cibernetice.
- Instruirea personalului si clientilor in utilizarea sistemelor SCADA, asigurandu-se ca acestia sunt familiarizati cu functionalitatile si capacitatile acestora.
- Actualizare constanta a cunostintelor in domeniul SCADA, urmarind evolutiile tehnologice si aplicand cele mai recente inovatii in proiectele curente.

**29.**

## **Inginer SCADA - Eximprod**

Bucuresti | Inginerie | Energetica

Configurare sistem SCADA, comunicare UP și DOWN, configurare pe UC 500 (platforma EFACEC). Familiarizat cu software-ul Automation Studio Rev 7 sau Dashbord ES200 pentru a integra stații de transformare sau posturi de transformare în SCADA.

Testare recloser pe liniile electrice.

Testarea și integrarea releelor posturilor de transformare.

Integrare și configurare pentru dispecerare folosind platforma ScateX

Configurarea rețelelor de comunicații pentru sisteme SCADA, folosind următoarele protocoale de comunicație: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus.

Participarea la numeroase lucrări la fața locului.

Responsabil de configurarea HMI-ului local.

**30**

### **Head of GIS&SCADA Office - Compania de Apă Olt**

Slatina | Automatizari | Prestari servicii

- Commissioning of various equipment in the field of waste water;
- Modification, implementation or improvement of programs; (Siemens Step7, TIA Portal, Delta PLC)
- VFD commissioning and parameterization; (Vacon, Danfoss, Mitsubishi)
- Realization of maintenance plans;
- Design of electrical and control panels;

AutoCAD ArcGIS QGIS ArcMap convertizoare de frecventa simatic step7 plc programming cunostinte plc  
siemens tia portal vfd

Calificari: Specialist GIS

**31.**

### **Scada Engineer - SAIP Automation**

Targu-Mures | Automotive / Equipment | Energy

- Configuring and commissioning of SCADA systems in new and existing facilities (compression stations, metering stations, electrical stations and Power Plants);
- Provide technical support in design, hardware/software configuration, programming and testing of new and existing field SCADA Systems and Human Machine Interface (HMI) Applications;
- Thorough understanding of network topologies, SCADA network protocols, and database development;
- Proven ability to quickly understand a wide variety of automation functions and related engineering and technology issues;
- Review sub-contractor's drawings for SCADA, Traffic Management and Communication Systems including functional and software specifications, Systems specifications, I/O lists, wiring diagrams and hardware architecture drawings;

- Protocols used: IEC 61850, IEC 60870-5-101, IEC 60870-5-103, IEC 60870-5-104;

-Software configuration for SCADA systems (WinCC, SICAM230,ToolboxII,OPM) according to

technical project requests and specifications;



- HMI configuration and installation (servers, clients, gateways remote links etc);

- Configuration and tests of the ethernet networks and switches, including SNMP/OPC;

- Servers and HMIs redundancy, authority control;
- Technical support for sales;
- Test platform and field simulator- design and construction;
- Commissioning, FAT, SAT for substations

Achievements:

March 2017-December 2017 - Modernization of Suceava Electric Station - TransElectrica

Engineering and commissioning, according to Siemens Energy Automation Romania, procedures and standards of power network technology, control, telecontrol and telecommunication automation systems for power stations;

- Integration of the SCADA and IED system (BCU, RTU and protection relays) according to IEC61850
- Parameterization and commissioning of Siemens Toolbox II
- Parameterization and commissioning of Siemens Sicam 230 HMI.
- Set up Ethernet industrial switches, peripherals, and station GPS
- Document Work (Preparation of SAT Reports, Signal List, Progress Reports)
- Support the site manager and project manager for technical clarifications, complaints, and risk detection.
- Programming the project steps according to the execution time.

December 2017 - January 2018 - Teraplast Bistrita

Engineering and commissioning, according to Siemens Energy Automation Romania, procedures and standards of power network technology, control, telecontrol and telecommunication automation systems for power stations;

- Integration of the SCADA and IED system (BCU, RTU and protection relays) according to IEC61850
- Parameterization and commissioning of Siemens Toolbox II
- Document Work (Report Preparation, Signal List, Progress Reports)
- Programming the project steps according to the execution time.
- Responsibility for improving parameterization and execution processes

January 2018 - March 2018 -Maaden Phosphate Company- Ras Al Khair- Saudi Arabia - RT2 Project

Engineering and commissioning, according to Siemens Energy Automation Spain, procedures and standards of power network technology, control, telecontrol and telecommunication automation systems for power stations;

- Integration of the SCADA and IED system (BCU, RTU and protection relays) according to IEC61850
- Parameterization and commissioning of Siemens Toolbox II

- Parameterization and commissioning of Siemens WinCC HMI
- Configuring Ethernet industrial switches, peripherals, and substations GPS
- Document Work (Preparation of SAT Reports, Signal List, Progress Reports)
- Support the site manager and project manager for technical clarifications, complaints, and risk detection.
- Programming the project steps according to the execution time.
- Responsibility for improving parameterization and execution processes

**32.**

### **Inginer Automatizari cu aplicare în Scada - Adrem Engineering**

**Brasov | Inginerie | Energetica**

In cadrul locului de munca de la Adrem am realizat automatizari Scada in domeniul Energiei Electrice, invatand o multime de lucruri noi si interesante legate de automatizari, energetica si parte de retelistica.

**33.**

### **Inginer SCADA - Distributie Energie Oltenia**

**Pitesti | Achizitii | Administratie / Sector Public**

Domeniul meu de expertiză este construirea și implementarea sistemelor SCADA special potrivite pentru producerea, transportul și distribuția energiei electrice. Munca mea este esențială pentru a asigura asursă de energie fiabilă și rezistentă pentru comunități și întreprinderi, cu accent pe detectarea problemelor și analiza datelor în timp real.

#### **Abilitati generale**

**ELVAC ABB RTU560 PLC General Electric simens plc step 7 Cisco**

**34.**

### **INGINER SCADA LA AEROPORTUL INTERNATIONAL CLUJ NAPOCA - UTI**

SCADA Supervisor – supraveghere, monitorizare și control al sistemului de transport bagaje “Baggage Handling System”.

SCADA Supervisor – supraveghere, monitorizare și control al sistemului de scanare a bagajelor de cală ”Hold Baggage Screening”.

Mentenanța sistemului de transport al bagajelor de cală – furnizat de compania Vanderlande Industries

Mentenanța sistemului de scanare al bagajelor de cală – furnizat de compania Smith Heimann.

Monitorizează permanent sistemul integrat asigurând funcționarea acestuia în condițiile și la parametri sistemului.

Pun la dispoziție orice modificări legislative privind utilizarea echipamentelor de control de securitate. Sesizez/informez în mod operativ, despre orice neconformitate sau funcționare anormală apărută în sistem.

Sesizez/informez în mod operativ, asupra disfuncționalităților apărute la sistemele de benzi bagaje. Am obligația de a răspunde și interveni în cel mai scurt timp pentru rezolvarea eventualelor disfuncționalități la echipamentele de control de securitate.

Aduc la cunoștință orice problema legată de disfuncționalitatea echipamentelor, precum și cauzele care au determinat-o.

Prezint rapoarte lunare cu defecțiunile apărute, piesele înlocuite și timpul de nefuncționare pentru fiecare echipament în parte.

Asigur respectarea normelor C.N.C.A.N privind punerea în funcțiune și exploatarea echipamentelor. Asigur administrarea, operarea, întreținerea, reparația, managementul și menținerea funcționării sistemului integrat.

Execut lucrările de mentenanță în conformitate cu specificațiile producătorului.

Țin evidența defecțiunilor apărute și a pieselor înlocuite.

Respect toate procedurile și măsurile de securitate stabilite de reglementările în vigoare.

Asigur funcționarea permanentă a echipamentelor la parametri nominali.

Efectuez toate operațiile necesare menținerii echipamentelor la parametrii de funcționare și detecție certificați de producător.

Asigur menținerea echipamentelor la parametri de funcționare și detecție certificați de producător în conformitate cu legislația în vigoare.

Asigur înlăturarea situațiilor de neconformitate privind funcționarea echipamentelor

Sesizez în mod operativ neconformitățile sau funcționarea anormală apărută în sistem și o remediez.

Exploatez convoaiele care transportă bagajele.

Exploatez aparatele cu Raze X care verifică bagajele din punct de vedere al securității.

Asigur reviziile sistemului și a subsistemelor din care este alcătuit.

Asigur reviziile echipamentelor cu Raze X pentru controlul de securitate.

Asigur mentenanța și reviziile echipamentelor electrice și electronice care asigură controlul, monitorizarea și achiziția datelor a sistemului de transport al bagajelor, echipamente furnizate de Siemens.

Efectuez testele sistemului de transport al bagajelor de cală pentru asigurarea funcționării la parametri nominali a modul de comandă și control în conformitate cu specificațiile producătorului și a legislației în vigoare.

Efectuez testele echipamentelor de control de securitate cu Raze X pentru asigurarea funcționării acestora la parametri nominali de detecție furnizați de producător și a legislației în vigoare.

Asigur verificările zilnice asupra sistemului integrat de transport și de control al securității pentru

bagaje.

Asigur reviziile lunare, trimestriale, bianuale și anuale a tuturor echipamentelor care fac parte din sistemul integrat al controlului de securitate pentru bagajele procesate pe Baggage Handling System & Hold Baggage Screening.

**AutoCAD Servere SolidWorks Dialux Eplan Automate programabile proiectare instalatii electrice instalatii electrice automatizari Mecanica**

35.

#### **Scada Engineer - EXIMPROD**

**Bucuresti | Inginerie | Energetica**

responsible for SCADA system configuration using Automation Studio (Efacec), creating HMI interfaces for Electrical Substation, SCADA commissioning and site acceptance test. I worked with communication protocol like: IEC 61850, IEC 60870-5-101, IEC 60870-5-103 ,IEC 60870-5-104, ModBus, DNP3. I was learning about Protection Relays settings, testing and commissioning

36.

#### **SCADA Engineer - YOKOGAWA EUROPE**

**Bucharest | Engineering | Oil / Gas**

Developing Functional and technical design of SCADA systems  
Responsible for Software configurations design  
Implementation of modifications and as-built processing.  
Compilation of customer and internal documentation;  
Design and implementation of functions and interfaces to Yokogawa and third-party systems.  
Responsible for design, implementation, realization, optimization en refurbishment of supervisory control and information systems.  
Internal tests, Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT).  
Is responsible for the correct- technical design, implementation and testing for the part of the scope as assigned to within the timeframes as agreed.  
Provides the technical representative with information regarding the scope as assigned to.  
Supports the technical representative in discussions with the client as and when required.

**stardom**

37.

#### **Automation Engineer - SC. Cems EPC S.A.**

Implement SCADA solutions for new and existing substations with various BUS protocols, collected to the communication room, such as motor relays, metering relays, power analyzers, fault functions;  
configuration of energy consume reports and analyses  
Knowledge of specifying parameters for current and potential transformers

Perform Quality Assurance (QA) design reviews for all SCADA, Protection and Control documents

Ability to apply and design protection schemes for various substation components such as transformers, transmission lines, capacitor banks, and busses

Familiarity with communication and SCADA protocols along with AC and DC schematics

Ability to use various types of microprocessor relays such as Siemens, Schneider, ABB or Eaton

Apply engineering application software to complete engineering tasks such as relay coordination, load flow and short circuit studies

Familiar with general protection and controls guidelines including standard practices

Communicate and coordinate project activities with project engineer, customer representatives, and others as needed

Provide excellent client/customer service

Work as a team member and provide support for newly installed equipment. This will include some field assistance and training.

Provide distribution automation controller logic programming, testing, optimization, and maintenance to provide functionality desired by project team members.

Coordinate point assignments (create/update RPA's), commissioning, testing, and maintenance of automation and SCADA systems with SCADA engineers and vendors.

Work with vendors and engage in training to be current on the most effective use of technologies.

38.

#### **Electrical engineer - SC MIKON SYSTEMS SRL**

Bucharest | Engineering | Services

Water treatment plant Urziceni - Commissioning of electrical equipment, instrumentation, SCADA .

Waste Water Treatment Plant Fetesti - Electric design

Waste Treatment Plant Suceava - Electric design, Connection of motors, instrumentation, PLC and SCADA System;

Waste Water Treatment Plant Galati - HMI control system.

KNX Certification, ANRE Authorization II A, B

39.

#### **Scada Engineer/Protection Engineer - Allianso electricity distribution power station situated**

Bucuresti | Inginerie | Prestari servicii

SCADA and Protection Relays commissioning and site acceptance test

Configuration/Parametrisation command relays/monitoring

Ensure client interface

Parameterization of control equipment - control and protections with DIGSI 5

Siemens,

Responsible for the commissioning part of the Allianso electricity distribution power station situated in Aricesti , Rahitvani

### **Automation Engineer - JTI**

Bucuresti | Inginerie | Comert / Retail

JTI (Japan Tobacco International)

Bucharest, Romania

PLC Programming - Simatic S7 -300

**automation engineer**

40.

### **Scada Engineer - Adrem Engineering**

Bucuresti | Inginerie | Energetica

(1 an 2 luni)

SCADA oriented projects for EDTS ( Electrica Distributie Transilvania company using RTU from IDS and RTU AI 200 developed by Adrem)

Engineering .

My main activity was the integration of transformation substations in the IDS

SCADA systems .

Monsson

41.

### **Sef Serviciu SCADA - SC APA CANAL 2000 SA**

#### **INGINER AUTOMATIZARI - LOUS BERGER**

Buzau | Audit / Consultanta | -

Expert Electric si Automatizari in Proiectul: CCI 2009RO161PR017 - "Extinderea si reabilitarea infrastructurii de apa si apa uzata in judetul Buzau" in cadrul contractului de "Asistenta Tehnica pentru Managementul proiectului – Reabilitarea si dezvoltarea sistemelor de alimentare cu apa potabila si canalizare din regiunea Buzau", in cadrul unui contract de servicii aferente monitorizarii lucrarilor de executie tip FIDIC si echivalent.

Implementare sistem SCADA cu principalele activitati:

- Elaborare de scheme functionale pentru managementul informatiilor corelate prin sistemul SCADA;
- Stabilirea configuratiei din punct de vedere hardware si software a sistemului SCADA cu definirea tipurilor si cantitatilor de echipamente necesare, conform cu tehnologiile si echipamentele, astfel incat sa fie compatibile cu celelalte sisteme existente sau in curs de implementare;
- Corelare cu sistemele SCADA dezvoltate pe aplicatii in derulare sau ce urmeaza a fi in derulare prin proiectele de reabilitare si extindere sisteme de apa si canalizare;
- Realizarea de minicentre operationale cu transmiterea datelor catre Dispeceratul Central;
- Achizitionarea de echipamente necesare pentru dotare minicentrelor operationale zonale;
- Punerea in functiune a echipamentelor si instruirea echipei.

#### **INGINER AUTOMATIZARI SCADA - S.C. APA CANAL PITESTI**

Pitesti | Inginerie | Administratie / Sector Public

- Elaborare de scheme functionale pentru managementul informatiilor corelate prin sistemul SCADA;

- Stabilirea configuratiei din punct de vedere hardware si software a sistemului SCADA cu definirea tipurilor si cantitatilor de echipamente necesare, conform cu tehnologiile si echipamentele, astfel incat sa fie compatibile cu celelalte sisteme existente sau in curs de implementare;
- Corelare cu sistemele SCADA dezvoltate pe aplicatii in derulare sau ce urmeaza a fi in derulare prin proiectele de reabilitare si extindere sisteme de apa si canalizare;
- Implementarea si realizarea de minicentre operationale cu transmiterea datelor catre Dispeceratul Central;
- Achizitionarea de echipamente necesare pentru dotare minicentrelor operationale zonale;
- Punerea in functiune a echipamentelor si instruirea echipei.

*cursuri FIDIC*

*ELECTRICIAN AUTORIZAT RENEL CLASA II*

*CURSURI DE MANAGEMENT ASE BUCURESTI*

*CURSURI SIEMENS ST-SERV 1, SIMATIC S7- TIA*

42.

**SCADA operator at thermal control room - ENVISAN NV BELGIUM member of JAN DE NUL GROUP, Pitesti**

Pitesti | Engineering | Environmental Protection

Responsabilities :

Control and regulation of waste incineration plant using SCADA system

Verification of process parameters and possible technical problems

Training of boiler operators for daily maintenance and monitoring process

Repair, installation and commissioning of electrical equipment and measurement and control devices

during the revision of the installation (burners, control valves, transmitters for flow, pressure, temperature

43.

**SCADA Engineer - SIEMENS**

Bucharest | Engineering | Energy

Development and implementation SCADA systems for high voltage stations:

Responsibility:

- Configuration and PIF SCADA SIEMENS systems;

- Configuration telecontrol equipment RTU, SICAM AK family, SICAM A8000family: SICAM TOOLBOX II software and SICAM DEVICE MANAGER software;

Configuration SCADA applications: SIMATIC WinCC + SCC software;

- Configuration SCADA applications: SICAM PAS software;

- Configuration IEC communication protocols: IEC 60870-5-101, IEC60870-5-104, IEC 61850, Modbus protocol;

- Configuration of servers and workstations;

- Communication and networking (RSTP, PRP, HSR) using RUGGEDCOM equipments;

- Configuration RUGGEDCOM switches;

- Internal tests, Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT);

- Documentation;

Projects FAT and SAT:

- GIS 400, 220, 110 kV mobile station (Transelectrica SA Company);
- Raureni station 220/110 kV (Transelectrica SA Company);
- Arefu station 400/220/110/20 kV (Transelectrica SA Company);
- Stations 110/6 kV on the platform of Petromidia Navodari Refinery;
- CHE Tismana station 110/10 kV (Hidroelectrica SA Company);
- Pelicanu station 400/110 kV (Transelectrica SA Company);

I took part in the following projects (Transelectrica SA Company): Bacau Sud station, Roman Nord station, Dumbrava

### **System SCADA Engineer - Yokogawa**

Bucharest | Engineering | Energy

Project: British Pipeline Agency (BPA);

This project will replace BPA's existing pipeline management and supervisory control and data acquisition (SCADA) systems.

Responsability:

- Developing Functional and technical design of Yokogawa SCADA systems;
- Responsible for Software configurations design;
- Design and implementation of functions and interfaces to FAST TOOLS;
- Responsible for the correct-technical design, implementation and testing;
- Development of the PLC/HMI according to the requests of the clients;
- Internal tests, Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT);
- Documentation;

### **Automation Engineer - Adrem Engineering**

Bucharest | Engineering | Energy

Project: FDEE\_EDTS SCADA - Romania;

Development and implementation SCADA systems for 110/20 kV substations;

Responsability:

I was technical supervisor for the electric installations developed on this project;

- PIF and identification errors on execution;
- Attend regular meetings with the management and the clients in order to improve the project;
- Supports the technical representative in discussions with the client as and when required;

The second activities was:

- Configuration and PIF for SCADA DMS system;
- Configuration telecontrol equipment - RTU IDS 750/850;
- Configuration platform SCADA/DMS local/central;
- Configuration IEC communication protocols: IEC 60870-5-103, IEC 60870-5-104, IEC 61850, Modbus protocol;
- Configuration of servers and workstations;
- Design and implementation of functions and interfaces to Highleit;
- Responsible for Software configurations design;
- Responsible for the correct - technical design, implementation and testing;
- Implementation of modifications and as-built processing;
- Analyze, troubleshoot and solve network issues;
- Internal tests, Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT);



44.

#### **SCADA (Software System Engineer) - EnergoBit**

Cluj-Napoca | Automation | Energy

- Installation, configuration and maintenance of PLC's and data acquisition modules used for remote monitoring and control of transformer substations and power substations
- Making network connections between PLC and Human-Machine-Interface
- Preparation of input / output lists, create and manage databases for PLC and for dispatching application
- Electrical modeling of High Voltage, Medium Voltage and Low Voltage networks in the ADMS system (Advanced Distribution Management System) , create / validate the equipment catalog, test the DMS (Distribution Management System) network model and functionality
- Develop and configure software applications based on customer requirements
- Collaboration with the designer / technologist of the installation system for which the automation will be performed
- Testing and commissioning at the customer
- Diagnosing the problems and providing the necessary support for their solving
- Developing documentation for PLC + SCADA / DMS (specifications, descriptions, diagrams, operating manuals, etc.)
- Preparation of technical automation offers

#### **General skills**

**Arduino AutoCAD SolidWorks PLC sql database Human-Machine Interface (HMI) adms Communcation protocols DMS (Distribution Management System) Electrical Network Modelling electrical wiring IEC103 IEC104 Modbus TCP/IP knowledge**

45.

#### **Senior SCADA Engineer (Engineering Management System) - HS2 LTD**

ABROAD | Engineering | Transport / Logistics / Import - Export

- Developed technical specifications of the works information for the Engineering Management System
- Assessed industry standards are applied in the development of requirements for the Alarm Management System with the use of ISA 18.2
- Contributed to the development of the Alarm Philosophy and HMI Philosophy of the EMS
- Specified HMI requirements and functionalities with compliance to ISA101 and High-Performance HMI
- Written technical specification and control narratives for the integrated assets such as Mechanical and Electrical systems, HV Traction Power and HV Non-Traction Power systems

- Contributed to the subcomponent level integration strategy documents and system architecture diagrams
- Supported the lead engineer in identifying the ideal SCADA integration architectures for the integration of line wide systems (HV Systems SCADA, BMS, Wayside Systems, Tunnel SCADA, etc)
- Analysed technical specifications and drawings of 3rd parties (M&E BMS, HV SCADA, Tunnel SCADA), checked compliance with EMS design
- Took an active role in the PQQ evaluation for the EMS System for the assurance of SCADA systems such as EMS

#### **ISA BSM Scripting Scada iec**

#### **Test and Commissioning Engineer (Contractor) - Siemens**

ABROAD | Engineering | Transport / Logistics / Import - Export

- *Complied with quality procedures, processes, and guidelines.*
- *Provided installation and IO termination testing support for C660 for the Crossrail Elizabeth Line in London*
- *HV Traction Power and Non Traction Power, M&E Equipment monitoring, SCADA OPC Servers, Passenger Information Device servers, Customer Information Systems*
- *Provided system configurations for the SCADA Power and Utilities servers from the first start-up to future updates*
- *Provided I/O Checkout to the design drawings and have redlined updated done on site*
- *Provided Functional Testing according to the test plans and have updated test plans where gaps in system testing were identified*
- *Provided SCADA Integration and testing of LV metering, HV Switchgear, Traction Power Switches, Lifts, Escalators, Pumps, this involved point to SCADA testing, SCADA object functionality testing, Alarm Management function testing, Black Building Testing*
- *Interface testing with different types of PLCs (Simatic Step7–1500, Allen Bradley, SLC500, Schneider Electric M241, Mitsubishi, WAGO)*
- *Fault finding on 3rd party developed PLC code, reported bugs and offered solutions for integration and logic functions*
- *Used Communication Protocols DNP3.0, IEC61850, IEC60870-5-103, OPC DA/OPC UA, Modbus RTU/TCP, BACNET MSTP/IP*
- *SCADA Integration 3rd Party OPC Servers with the use of Matrikon Funneler, fault finding network and connectivity problems*
- *Developing scripts (BASH) for capturing testing logs and system alarms*
- *Developed reporting software for version control of RTU configurations, developed software for the simulation of Platform Screen Doors functionality, simulation of UPS alarms*

- Analysed technical specifications and drawings, verified compliance to national and international guidelines and standards

- Took an active role in software fault finding and bug reporting

- Diagnosing faults in products and assets both in-house and in on-site environments

### **PLC Design Engineer - Siemens Rail Automation**

ABROAD | Engineering | Transport / Logistics / Import - Export

- Written functional design specifications for the development of SCADA upgrades to the legacy network rail Centralized Management System

- Written method statements, task briefings, test specifications in accordance to the site works to be carried out

- Raised technical queries and offering customer support

- Executed the RTU design and configuration, RTU Cabinet design, IO Schedules

- Created the termination schedules and wrote the testing and commissioning relative to the implementation stage, local termination test, integration test, SCADA static testing and SCADA dynamic test

- Developed a FAT software using VBA for FAT process and verification methodology improvements

- SCADA mimic design, configuration and database population using Cromos 320 and Cromos Xpress

- Supported projects such as Crossrail during IFAT and SAT

- Used multiple RTU protocol technologies (Modbus RTU, Modbus IP, IEC61850, DNP3, OPC)

- RTU configuration and programming (STD and FBD) with Fastflex RTU

- I've been involved in different types of projects the largest one being Crossrail.

### **Modbus bacnet opc ua RTUs**

#### **SCADA Developer - Adrem Invest**

Bucharest | Engineering | Energy

- Application Programming, Database Design, HMI design and training SCADA Operators

- IT Infrastructure, networking and communication system design

- Implementing Romanian National Grid Network with IDS HIGH-LEIT SCADA system and installing new SCADA system for new Central Control Centre

- Programming and testing IDS RTU devices Education

46.

### **Automation Engineer - ElectroAlfa**

Iasi | Automation | Energy

Prepares or participates in the elaboration of the execution documentation and accompaniment of the automation works / subassemblies

Prepares or participates in the elaboration of the lists of materials for automation works / subassemblies

Provides technical assistance on the production flow

Develops or participates in the elaboration of software applications / configurations related to the programmable equipment included in the paper, to achieve the functionality required by the contract / customer

### **SCADA engineer - Engie Fabricom Belgium Hoboken Yard**

ABROAD | Engineering | Energy

Design SCADA screens for a station controlling offshore wind farm

Provide appropriate and timely technical advice on matters relating to SCADA and control systems

Support the test team before the station is sail away

### **beckhoff plc Zenon SCADA Software**

### **Project Leader - Alewijnse Industrial Automation**

Iasi | Engineering | Naval / Aeronautical

- Designing of electrical block diagram of an water pump station
- Revisions of projects for water pump stations
- Preparing drawings and working with P&ID's
- Working with Unity pro XL software in water pump station projects
- Designing SCADA screens in Schneider Vijeo Citect software .
- Mentoring people to achieve the projects goal
- Interactions with the people involved in projects

### **AutoCAD Microsoft Office**

### **Automation Engineer - Delphi Diesel Systems Romania**

Iasi | Service / Maintenance | Auto / Automotive

- Analysis and intervention of equipment failures as PLC Siemens, robots (ABB, Adept, Staubli), cameras detection (Cognex)
- Debugging software of automatic stations equipped with Siemens PLCs S7-300 and S7-400 using the program Step7 Simatic Manager and WINCC Flexible
- Maintenance for traceability system.
- Maintenance of CNC machine Siemens Sinumerik and Fanuc: debugging, back-up, spare parts
- Implementation of new software for machines on the assembly line
- HMI and communication configuration
- Forecasting of spare parts
- Management of the back-ups for all machines from the plant
- Assessing the needs for equipment replacements and establish replacement programs

### **System Engineer - SC. Ga-Pro Co Chemicals SRL**

Piatra Neamt | Engineering | Chemistry

- Monitoring and diagnostic of technical condition of DCS equipment in the ammonia plant;
- Creating, checking and database maintenance of DCS by the Experion PKS software from Honeywell;
- Establish communication between CCC turbomachinery controller and DCS (Modbus protocol).
- Design and implementation of interlocks logic in Honeywell PLC using FLD.
- Configuring and maintenance Bentley Nevada 3300 series vibration monitoring system

47.

### **SCADA Product manager - Blue Note Communications SA**

Iasi | Cercetare - dezvoltare | IT / Telecom

Implementare soluții SCADA - Supervisory Control and Data Acquisition & Industrial IoT

Activități:

- promovare, îmbunătățire și dezvoltare continuă a produsului software-BlueMonitor  
<https://www.bluemonitor.ro/>
- activități de presales
- analiză business, elaborare și coordonare plan de implementare software, coordonare activități cu departamentele Comercial/Tehnic&parteneri (Elsaco, Efento, Vodafone)
- analiză nevoi, creare panouri sinoptice custom (realizate cu HTML, CSS, Javascript - Photoshop - Illustrator)
- configurare echipamente și module de achiziție date MQTT, ModBus, NBloT, HTTP etc.
- punere în funcțiune automatizări industriale
- desfășurare activități de training și suport clienți
- gestionare portofoliu clienți: ApaVital Iași, Radiocom, Azomureș, Transgaz, CTP Iași ș.a.

Cunoștințe dobândite:

- IoT, NB-IoT, senzori și echipamente de monitorizare și control
- procese industriale

48.

### **System Instrumentation Engineer - Hella Romania**

Craiova | Engineering | Auto / Automotive

Company activity field: the HELLA Group develops and manufactures lighting and electronic components and systems for the automotive industry.

Responsibilities:

- develop software for testing automation
- program state-of-the-art instruments for data acquisition and control

- develop instrument drivers and user interfaces for test engineers (NI LabWindows/CVI - C for Virtual Instrumentation)
- debug the test benches and equipments, both software and hardware

### **SCADA software engineer - SYSCOM Process Control**

Bucharest | IT Software | IT / Telecom

Achievements:

- SCADA system for the exhaust sewage system of Lakes Titan, Tineretului and Carol (Simatic WinCC, client server architecture, GPRS communication, I/O, alarm, trend, report and WEB servers)

### **PLC & SCADA design engineer - Polystart**

Craiova | Engineering | Services

Responsibilities:

- Control systems design and configuration
- PLC/ HMI/ SCADA industrial programming (Schneider Electric & Eaton-Moeller equipments)
- GPRS-based communication between a higher-level control system and remote control substations
- Redundant supervisory control and data acquisition (SCADA) system for water collection, treatment and distribution network (Vijeo Citect, 2 I/O, alarm, trend, report, OPC DA servers)
- Network of water wells for capturing and collecting raw water - automation system for the monitoring and command of the whole process (Modicon M340 & Twido PLCs, Magelis XBT GT graphic console, Ethernet, Modbus TCP/IP)
- Industrial programming and communications system for wastewater pumping groups (1+1, 2+0, 3+0 pumps, Modicon M340 PLC, Magelis XBT RT500 semigraphic console, PM710 power meter, Modbus RTU protocol)
- Industrial programming for water intake station(1 pump, Twido PLC, Magelis XBT RT semigraphic console, Modbus RTU protocol)
- Detail design for wastewater pumping stations (1+1, 2+0, 3+0) - electrical, instrumentation, communications, automation systems (Modicon M340, Altistart 48 starters)
- Detail design for water supply network with 11 water wells (connected to the same tank) and submersible pumps: wiring diagrams, protection & automation schemes, manual & automatic mode, local & remote control, sensors, softstarters, frequency converters, communications, PLC programming flowcharts
- Reversible automatic transfer switch with the main power line selection (programmable relay Eaton EASY 800, Easy-Soft Pro)

### **Automation / Instrumentation engineer - Kirchhoff Automotive**

Craiova | Automotive / Equipment | Auto / Automotive

Responsibilities:

- Process improvement and optimization
- Software backup and restore
- Changes in PLC software (Siemens S7)
- Replacement and adjustment of proximity sensors, inductive, capacitive, optical sensors
- Design, execution and commissioning of electrical installations and control systems
- Repair and maintenance of automated production lines
- Robot calibration, debugging control cabinet (ABB)
- Corrective and preventive maintenance

Achievements:

- safety system with two-channel, container detection and access interdiction, integrated in general conditions of security
- indicator optical system for the parts
- electrical and pneumatic Poka Yoke system for detecting and blocking the non-compliant parts
- process validation system with optical barriers (Simatic S7-300, installation of sensors and I/O module, programming, integration)
- automatic switching of welding programs by detecting of the parts with proximity sensors
- solutions for Poka Yoke systems by use of serially connected inductive sensors, sensors, of type

PNP/NC and NO

**PLC / HMI software engineer - Automatic Systems**

Craiova | IT Software | IT / Telecom

Responsibilities:

- PLCs & HMI industrial programming (GE Fanuc, Siemens, Eaton-Moeller equipments)
- Design and commissioning of automation systems
- PLC network configuration

Achievements:

- Setting/commissioning the frequency inverter (Micromaster 440 type) for a crusher of plastic materials, Ford platform
- System for automatic operate of a reserve electricity power supply to a 400/220 kV substation, (PLC Eaton XC-CPU201, display XV-102, Ethernet), Iron Gates, Transelectrica
- Gate control system - Maneciu Dam (S7-200, OP73 micro)
- Remote control system for Hydro Dispatch Center - Hidroelectrica, Ramnicu Valcea subsidiary (OPC, Networking View and Web-based client applications)
- Industrial automation equipment destined to the cogeneration plant - DONAU CHEM, Turnu Magurele (PLC Simatic S7-300, Industrial Ethernet)
- corrective interventions in programs, debugging (GE Fanuc 90-30 PLCs, Proficy Logic Developer PLC)
- technical documentation, memory maps, flowcharts, real-time trend windows
- commissioning and functional test of automation and monitoring systems - HPP Valcea, HPP Calimanesti, HPP Dragasani (GE Fanuc 90-30 PLCs, software Proficy Machine Edition 5.7 SP1 - View & Logic Developer PLC, Data Designer, Datapanel 45, Station Flat Panel PC IC5005/BC5005, Ethernet, RS485)
- integration of control systems in the SCADA system - Hidroelectrica, Ramnicu Valcea subsidiary (Ethernet, OPC, Modbus TCP/IP protocols)

**Automation and industrial software engineer - IPA SA**

Craiova | Engineering | IT / Telecom

Responsibilities:

- PLC & HMI industrial programming (Schneider Electric & Siemens equipment)
- Setting up the variable speed drives (Schneider Electric)
- Design and commissioning of automation systems.

Achievements:

- Control and monitoring system for butterfly valves and power feeding - HPP Motru (Twido and Simatic S7-200 PLCs, RS485 serial link, Modbus RTU and TCP/IP protocols, Magelis XBTGT graphic terminal, OPC and WEB servers);
- functional tests for the SCADA system for pumping stations - Water Company Oltenia Craiova (48 Altistart starters, Twido PLC, RS 485)
- 50t/12.5t crane monitoring system - HPP Ciunget Lotru (Twido Compact PLC, Magelis XBT RT semigraphic console, Ethernet, Modbus TCP/IP communication protocol, OPC Server 2.0)
- Modernization of the Redler conveyor systems with Altivar 71 variable speed drives - Thermo Power Plant Craiova 2 Craiova
- translation of technical documentation

### **Senior SCADA engineer - Hidroelectrica**

Slatina | Engineering | Services

position: SCADA and Refurbishment Department, SCADA engineer

Responsibility:

- Engineering, developing and implementation of data acquisition and control systems
- Providing commissioning, diagnosis and maintenance of digital equipments
- Involved in the analysis of technical projects in instrumentation, automation and communications areas
- Participant at factory acceptance tests of the control systems

Achievements:

- Monitoring system with a client-server architecture destined for Hydro Dispatch Center (RS 422, Modbus, IEC1107, Visual Basic 6.0, ActiveX, Access, TCP/IP, GSM)
- Virtual instrument for data communication in Modbus (LabVIEW)
- Backup radio system with Motorola GR300 Repeater
- ICE Felix process computers installation (QNX operating system, ISaGRAF programming console)
- Visual Basic software application for testing and configuring CEWE Prometer energy meter

### **Electrical engineer - Electrotehnica**

Bucharest | Engineering | Services

position: solid-state power electronics division, project engineer

Responsibility:

- Computer aided design of control systems (OrCAD, PSpice)

Qualifications:

PLC & PAC programming - Proficy Logic Developer PLC (LD), STEP 7 Manager (LD), STEP 7

MicroWIN (FBD), Unity Pro (SFC), TwidoSoft (LD), easy Soft CoDeSys (CFC), Easy Soft Pro (LD), C,

Pascal

SCADA & HMI software - Proficy Machine Edition - View Developer (VBScript), Vijeo Designer

(JavaScript), Vijeo Citect (Cicode), Galileo, Visual Designer, WinCC Flexible Micro, LabVIEW, Visual

Basic



Bucharest | IT Software | IT / Telecom

Development and implementation of automation systems on different platforms:

- SIMATIC MANAGER STEP7 (Siemens )
- SIMATIC WinCC flexible (Siemens);
- TIA Portal (Siemens);
- Flexi Soft (Sick);
- CDS (Sick);

Ensures that required prerequisites (e.g. design inputs, tools, documentation, deliverables, schedule) are in place prior to commencing work.;

Produces parts or total functional design specifications;

Produces technical design specifications;

Executes work assignment to appropriate standards and quality systems ;

Supports assigned engineers to ensure they are able to meet the requirements of their work assignments;

Effectively communicates with customers to fully define and agree project requirements

Provide field coordination activities for automation works;

Troubleshooting and commissioning.

**WinCC Flexible cds Siemens Simatic Step 7 tia portal Flexi Soft**

### **SCADA and Automation Engineer - UTTIS Industries SRL**

Bucharest | IT Software | IT / Telecom

Development and implementation of monitoring and control SCADA systems on different platforms:

- SIMATIC MANAGER STEP7 (Siemens )
- SIMATIC WinCC flexible (Siemens);
- TIA Portal (Siemens);

Ensures that required prerequisites (e.g. design inputs, tools, documentation, deliverables, schedule) are in place prior to commencing work.;

Produces parts or total functional design specifications;

Produces technical design specifications;

Executes work assignment to appropriate standards and quality systems ;

Supports assigned engineers to ensure they are able to meet the requirements of their work assignments;

Effectively communicates with customers to fully define and agree project requirements;

Engineering and design of instrumentation, data acquisition, data transmissions and automation works;

Provide field coordination activities for automation works;

Troubleshooting and commissioning.

### **SCADA and Automation Engineer - PROBIT SRL**

Bucharest | IT Software | IT / Telecom

Development and implementation of monitoring and control SCADA systems on different platforms:

- PL7 (Schneider Electric);

- TwidoSuite (Schneider Electric);
- Unity Pro (Schneider Electric);
- SoMachine Basic (Schneider Electric);
- SoMachine (Schneider Electric);
- Vijeo Designer Lite (Schneider Electric);
- Vijeo Designer (Schneider Electric);
- Vijeo Citect (Schneider Electric);
- Monitor Pro (Schneider Electric);

Ensures that required prerequisites (e.g. design inputs, tools, documentation, deliverables, schedule) are in place prior to commencing work.;

Produces parts or total functional design specifications;

Produces technical design specifications;

Executes work assignment to appropriate standards and quality systems ;

Supports assigned engineers to ensure they are able to meet the requirements of their work assignments;

Effectively communicates with customers to fully define and agree project requirements;

Engineering and design of instrumentation, data acquisition, data transmissions and automation works;

Instrumentation dimensioning and acquisition (flow measurement, sensors, level transmitters, level switches, temperature meters, liquid analysis, etc.);

Provide field coordination activities for automation works;

Troubleshooting and commissioning.

#### **PI7 unity pro twidosuite vijeo citect vijeo designer lite SoMachine Basic SoMachine SCADA Design Engineer - PROBIT SRL**

Bucharest | IT Software | IT / Telecom

Development and implementation of monitoring and control SCADA systems (data acquisition, databases, reports, graphs, statistics) on different platforms:

- Visual Basic 3.0, 4.0, 6.0;
- Visual Studio;

Produces parts or total functional design specifications;

Produces technical design specifications;

Executes work assignment to appropriate standards and quality systems ;

Effectively communicates with customers to fully define and agree project requirements

Engineering and design, data acquisition, data transmissions and automation works;

Troubleshooting and commissioning.

50.

#### **SCADA Engineer - EnergoBit**

Cluj-Napoca | Engineering | Services

Energobit is one of the biggest Romanian company players on the energetic field.

I was part of a young team responsible for the Energobit SCADA projects.

I was responsible for delivering some big projects for Electrica for some substations in the northwest region and also in other locations as Ploiesti, Cheia, and Constanta.

I was responsible for technical installation, configuration and implementation of the SCADA equipment at customer's site.

One of my biggest projects was supervising the SCADA implementation and commissioning in a substation in Dobrogea Region (Cernavoda 1 and 2 Eolian Parks).

51.

### **Inginer SCADA - Eximprod Grup**

Bucuresti | Inginerie | Energetica

Contributie la implementarea, dezvoltarea si intretinerea platformei SCADA DMS/OMS (Efacec ScateX+).

Responsabila cu configurarea bazei de date RTU si sinoptice.

Testarea si asistarea la punerea in functiune pentru statiile IT/MT, posturi, separatoare si reclosere pentru automatizarea sistemului de distributie rurale sau urbane.

52.

### **Inginer Scada/PRAM - Eximprod Grup**

Bacau | Inginerie | Energetica

I. Configurarea, parametrizarea si pregatirea pentru integrarea in sistemul SCADA a TNP (terminalelor numerice de protectie) de pe urmatoarele platforme:

- ABB- PCM 600 (ex: REF 615 , REF 630);
- SIEMENS DIGSI IV ( ex: 7SJ66, 7SJ64 )
- SIEMENS DIGSI V (ex:7SJ82, 7UT85)
- SELL AcSELeRator (ex:751 007)
- PHOENIX CONTACT (I/O component - IL MOD BK DI8 DO4-PAC)

II. Integrarea SCADA a terminalelor numerice de protectie utilizand urmatoarele platforme:

- SIEMENS- SICAM PAS utilizat ca unitate centrala a obiectivelor;
- SIEMENS- WINCC utilizat interfatarea intre operator si sistem;
- EFACEC- Automation Studio utilizat atat ca unitate centrala cat si pentru interfatarea operator sistem.
- ABB-Viola ARC 600 utilizat ca RTU,
- CISCO-EXIMPROD- IR809 ce utilizeaza un soft al companiei EXIMPROD GRUP SA.

Pentru integrarea echipamentelor au fost utilizate urmatoarele protocoale de comunicatie:

- IEC 61850;
- DNP 3;
- MODBUS;
- IEC-60-870-5-c-101;
- IEC-60-870-5-c-104.

Protocoloalele de comunicare utilizeaza mai multe tipuri de conexiune cum ar fi cea seriala (RS 232, RS 485) sau cea de ethernet.

III. Pentru integrarea DCS a serverelor SCADA am utilizat o singura platforma si anume SPECTRUM POWER(SIEMENS). In general pentru conexiunea intre servere si platforma DCS se utilizeaza doar protocolul IEC-60-870-5-c-104

#### **Inginer Automatist - OMV Petrom**

Moinesti | Automatizari | Petrol / Gaze

- Asigura respectarea reglementarilor si legilor romane, a standardelor europene si a filosofiei/ standardelor/ specificatiilor companiei pentru toate proiectele
- Participa la reviziile tehnice operationale, la evaluari si auditari, realizeaza studiile tehnice, rapoartele si memorandumurile
- Analizeaza facilitatile existente pe zona sa de productie si propune imbunatatirea proceselor, eliminarea strangularilor, actualizarile pentru scaderea in mod eficient a costurilor operationale si pentru a consolida productivitatea/ eficienta uzinelor/ echipamentelor
- Monitorizeaza si analizeaza procesele tehnice si propune masuri de reducere a Defectiunilor
- Furnizeaza expertiza tehnica in toate fazele proiectului, de la validarea oportunitatii pana la inchiderea proiectului.
- Asigura informatii relevante privind costul si programarea proiectului, pentru o planificare cat mai corecta

#### **Inginer Scada/PRAM - Eximprod Grup**

Iasi | Inginerie | Energetica

Configurarea de echipamente inteligente si integrarea acestora in sistemul local si central a acestora.

Realizare configuratii PRAM/SCADA in 26 de statii de transformare.

**sicam pas digsi 4 DNP 3 spectrum power CLP 500/efacec IEC 60870-5-101/103/104**

53.

#### **Deputy IT Manager/Automatizari SCADA - Pet Communications**

Constanta | IT Hardware | Prestari servicii

Avea grija de buna funcționare a echipamentelor IT hardware (servere, echipamente de rețelistica, pc uri, telefoane, periferice, sistem de camere video ) și buna functionare a părților de software.

Am participat ca rol secundat in departamentul de Automatizati SCADA.

54.

#### **Commissioning Engineer Scada & Protection - Eximprod Engineering**

Bucuresti | Inginerie | Energetica

\* Integration in local SCADA system and commissioning of more that 10 substations.

-Commissioning and integration more than 100 of MV Transformation Points also diagnose or fixing problems in others 50.

-Creating and mapping SCADA information stored in Microsoft Access databases ES200 Eximprod RTU.

- SCADA system configuration, Up and Down communication,
- Working on/with the following numeric relay and equipment: ABB, SIEMENS, SCHNEIDER, SEL, EFACEC, UPS, Switches, GPS, embedded pc, etc.;
- Parameterization of SIEMENS, SCHNEIDER, SEL, EFACEC for SCADA system communication networks, communication; protocols used: IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus, communications between different relays; Protection and/or SCADA;
- Execution of the relay connections with the communication network;
- Telecommunication network configuration, substation level, FO, UTP;
- Serial cables execution for different types of relays;
- Testing secondary circuits of the relays and functional tests;
- Commissioning of the Protection Relays;
- Commissioning of the SCADA system.
- I have worked with the main providers from the energy distribution area (Delgaz Moldova, Electrica Muntenia, CEZ Romania, Monsson, Alive Capital)

55.

#### **Inginer SCADA - EXIMPROD Grup**

Bucuresti | Inginerie | Energetica

In zona SCADA: - Retehnologizare statii electrice de inalta si medie tensiune cu integrare in DMS SCADA - configurarea sistemelor SCADA , preluarea semnalizarilor in SCADA locala cat si trimiterea acestora catre dispecerat (SCATEX platforma Efacec UC500, SPECTRUM platforma SIEMENS - WinCC) - creerea sinopticelor SCADA atat pentru operator cat si pentru dispecer - punerea in functie a echipamentelor integrate in sistemul SCADA

In zona releelor de protectie: - Parametrizarea echipamentelor de comanda-control si protectii ( SIEMENS, EFACEC pentru SCADA), folosind urmatoarele protocoale de comunicatie: IEC 61850, IEC 60870-5-104, Modbus - Participare la sedintele de inginerie pentru proiectele in curs de retehnologizare - Punere in functie a echipamentelor pe parte secundara in statiile de inalta si medie tensiune - Remedierea neconformitatilor aparute in instalatiile clientilor Eximprod Grup  
GIAC Response and Industrial Defense (GRID), CompTIA Security+

56.

#### **Inginer electrician-automatist - R&R Beth**

Bucuresti | Inginerie | Productie

Proiectarea dulapurilor de automatizare

Programare PLC

HMI design

**Inginer dezvoltare software PLC , HMI, SCADA - Societatea de Inginerie Sisteme**

Bucuresti | Automatizari | Energetica

- Proiectarea, implementarea și punerea în funcțiune a sistemelor de automatizare și SCADA
- Realizare documentație tehnică pentru proiecte de automatizare și SCADA

Softuri cu care am lucrat: TIA Portal, WinCC, Step, PcVue SCADA, Wonderware InduSoft Web Studio

Limbaje de programare : Function Block (FBD), Ladder logic (LAD), Structured Control Language (SCL)

C++, SQL (noțiuni de bază)

Protocoale de comunicație serial și Ethernet: Modbus, ProfiNet, CAN

57.

#### **SCADA/EMS ENGINEER - S.C. TELETRANS S.A.**

Bucharest | Engineering | -

ADMINISTRATION AND UPDATE OF SCADA/EMS DATABASES  
EVENT MANAGEMENT FOR THE SCADA/EMS SYSTEM AT TRANSELECTRICA  
INPUT-OUTPUT LISTS FOR THE NEW/MODERNIZED SUBSTATIONS AND POWER PLANTS  
APPLICATION MAINTENANCE  
INTEGRATION  
LOAD FREQUENCY CONTROL SOFTWARE  
TESTING

58.

#### **SCADA engineer - DELGAZ-GRID**

Iasi | Engineering | Energy

- configuration, diagnosis, maintenance of SCADA system;
- configuration, diagnosis, maintenance of communication systems;
- technical specification development;
- Microsoft Access, My SQL database administration;
- availability monitoring and communication services restauration;

59.

#### **Senior SAS engineer - Aspecto GmbH**

ABROAD | Engineering | Energy

- Configuring the database for Command and Control System;
- Configuration of the graphic pages (HMI) for high-power stations and medium voltage;
- Logic configuration for the command and control system, interlock system(FBD);
- Configuring data servers and analysis stations events;
- Setting up communication networks: Ethernet, fiber optics, RS232/RS422/RS485, IEC 61850, T103, T101 and T104;
- SCADA: configuration database, the hardware, communication parameters and perform functional tests with remote centers;
- Configuration, testing, validation, FAT, SAT, according to single line diagrams;

- Site testing and commissioning of high voltage lines and medium voltage.
- Windfarm commissioning
- Integration of Firefighting, PAGA and Telecom, Fuel Systems of the offshore platform into the command and control system.
- Check the integrity and correctness of the circuits of all systems (DCS, PAGA, Telecom, Firefighting, Fuel system)

### **DCS Engineer - ALSTOM Grid Romania**

Bucharest | Engineering | Oil / Gas

- Configuring the database for Command and Control System;
- Configuration of the graphic pages (HMI) for high-power stations and medium voltage;
- Logic configuration for the command and control system, interlock system(FBD);
- Configuring data servers and analysis stations events;
- Setting up communication networks: Ethernet, fiber optics, RS232/RS422/RS485, IEC 61850, T103, T101 and T104;
- SCADA: configuration database, the hardware, communication parameters and perform functional tests with remote centers;
- Configuration, testing, validation, FAT, SAT, according to single line diagrams;
- Site testing and commissioning of high voltage lines and medium voltage.

Romania - Lacu Sarat substation 400/220/110/20kV - configuration and commissioning

Romania - FAI substation 220/110/20kV - configuration and commissioning

Romania - Pestis substation 220/110kV - configuration and commissioning

Romania - Targoviste substation 220/110/20kV - configuration and commissioning

Romania - Tariverde substation 400/110kV - configuration and commissioning

Cyprus – Alexigros substation 132/20kV - configuration and commissioning

Israel - Kfar Saba 400/150kV substation - integration of Areva system in GE System - configuration and commissioning car, insurance

60.

### **Automation Engineer ( SCADA/DCS ENGINEER) - SC HERBING SRL**

Bucharest | Engineering | IT / Telecom

Analyse system specifications

- Develop DCS configuration database (PACiS system - Schneider Electric)
- Perform internal validation tests on the integration platform
- Perform Factory Acceptance Tests (FAT) with the customer
- Perform Site Acceptance Tests (SAT) with the customer
- Perform maintenance to existing systems.
- DCS/SCADA Commissioning

Projects:

1. Didube Substation 220/110/35/6 kV , Georgia,Tbilisi

• Commissioning & power on procedure for DIDUBE substation 220/110/35/6 kV Georgia,Tbilisi : 5 OHL 110 kV, direct customer Schneider Electric, final customer GSE.

2. ATSA Romania

Modernization Of The Power Supply Installations Afferent To Timisoara - Caransebes - Craiova and Targu Jiu Electrification Centers

•Commissioning & power on procedure for Barbatesti (110/25 kV) with direct client Alstom Transport and final client CFR-Electrification

•Commissioning & power on procedure for Valea Cernei (110/25 kV) with direct client Alstom Transport

and final client CFR-Electrification

- Commissioning & power on procedure for Resita Nord ( 110/25 kV) with direct client Alstom Transport and final client CFR-Electrification
- Commissioning & power on procedure for on-line post with direct client Alstom Transport and final client CFR-Electrification

61.

#### **Inginer SCADA - SC Raja SA**

Bufta | Inginerie | Energetica

Monitorizarea si detectare nefunctionalitati ale sistemului automatizat pentru Gospodariile de Apa potabila Bufta, Corbeanca si Ostratu. Mentenanta si activitati IT: Hardware si Software. Asigurarea bunei functionari a echipamentelor aflate atat in teren cat si la punctul de lucru, a conexiunii la internet pentru unitatile desktop si mobile.

62.

#### **IT Project Manager / SCADA Engineer - OMV - Petrom**

Bucharest | Engineering | Oil / Gas

- Supervising of truck loading terminal automation around the country
- Supervising of companies involved in this automation process like ABB Norway, Siemens Romania, Alconex, Chemoil.
- TAS (terminal automation system) project management in Petrobrazi Refinery
- managed the field equipment and command servers/SCADA interconnectivity in Petrobrazi Refinery TAS project, at industrial communication level, communication protocols and others.
- participated in vendor selections for Petrobrazi Refinery TAS project

#### **PLC SCADA Programmer - Electro-Total Bucharest**

Bucharest | IT Software | Energy

PLC programming, SCADA, commissioning

2008 - PLC programming for Hunedoara and Aiud metallurgical projects.

2008 - Visual Basic software for communication with modbus devices on serial and ethernet networks.

2008 - Commissioning for CC drives with networking and basic drive settings - ALRO Slatina.

2008 - Citect SCADA

#### **PLC SCADA Programmer - Elmedo Automation**

Constanta | Engineering | Energy

Software development for automated systems including:

- \* PLC programming;
- \* SCADA software;
- \* Drive setup and programming;



- \* Networking (Modbus RTU, Modbus TCP/IP, Profibus on rs485, ethernet etc.);
- \* Visual Basic, Java and other programming environments used in automation software;
- \* commissioning;

My projects inside Elmedo Automation:

\* 2005: PLC program computing limits and prelimits of the grabber for harbour crane, using encoders - system built for Deltanav Tulcea. This system was later used inside bigger projects for fully automated cranes;

\* 2006: SCADA software development for data acquisition and parameter monitoring in energy distribution. The software was developed to work in redundancy on two PCs. - system built for Nuclear Fuel Factory Pitesti (FCN Pitesti);

\* 2006: PLC program used for motor control on dock opening system. - built for Daewoo Mangalia Heavy Industries;

\* 2006/2007: Automated cast-iron oven including PLC program for control using PID regulators, SCADA software for temperature monitoring and full feedback, drive programming, Java programming for touch-panel HMI, modbus ethernet networking to link the equipments - system built for Armatura SA Cluj-Napoca.

\* 2007 ♦ PLC program for motor control on shipyard gate - Daewoo Mangalia Heavy Industries

\* 2008 - PLC and HMI programs for medium voltage pumping station: control and command of five 6KV pumps, and other three 0.4KV pumps. The pumps work depending to the water level inside two tanks, and their starting sequence can be changed according to the online time of each pump. For energetic measurement, a modbus serial rs485 network is used, monitoring all pumps and other parameters.

63.

### **ELECTRICAL & SCADA PROJECT ENGINEER - Veolia Australia & New Zealand**

ABROAD | Automation | Environmental Protection

I provided engineering support in maintenance and operations by both locally and remotely troubleshooting of the automated systems. Provided project control in rehabilitation of various water/wastewater treatment assets and pumping stations.

Key Accomplishments:

- Successfully delivered technical audit report, proposing advanced technical solutions to improve the operation reliability and cost performance of a Sludge Thermo Drying Facility located at Wellington Seaview WTP.

- Successfully delivered technical audit report, proposing advanced technical solutions to improve the operation reliability and cost performance of all the automated water and wastewater assets of

Ruapehu

### **Electrical, Automations and Instrumentation Engineer - Wabag Water Services**

Bucharest | Automation | Environmental Protection

Provided complete engineering support in project development. Controlled tender preparation, project design and scope, setup, implementation, testing, and commissioning.

Key Accomplishments:

- Successfully performed technical inspection and delivered a professional report for Erbil/Kurdistan KAR 3 Refinery WWTP.
- Coordinated electrical, process control and instrumentation project for key client PepsiCo industrial WWTP's in both Kashira Russia and Dragon Bucharest.
- Coordinated electrical, process control and instrumentation project for Philip Morris International industrial WWTP (subsidiaries: Philip Morris Romania S.R.L. and Philip Morris Trading S.R.L.)

### **Automation & PLC Engineer - IMSAT Cuadripol, Amplast Campulung**

Brasov | Automation | Manufacturing

Finding solutions for industrial automation, programming PLC and other programmable devices, designing automation switchboards and panels, designing automation documentations, site execution and operation, maintenance and reparations

64.

### **Specialist Engineer Protection by Relay Automation and Measurement & SCADA - S.C.**

#### **Societatea de distributie a energiei electrice Muntenia Nord S.A.**

Ploiesti | Engineering | Energy

Maintenance of the Scada SDEE MN System Prahova, Dâmbovița, Buzău, Brăila, Galati and Vrancea  
Coordination and verification of the works for the modernization of the Transformation Stations and Stations.

Coordination and verification of works for the modernization of Burglary and Fire Detection Systems.  
NOC system integration of SCADA network at SDEE MN level.

Programming Automation Studio equipment type RTU HMI and PLC Efacec.

Raspberry PI configuration integrates automation through GPIO ports and programming in the Python environment.

Tests and tests SCADA 110kV 20kV etc. SCATEX +. Issue of test and test bulletins.

Troubleshoot and repair industrial electronic products.

OS installation and troubleshooting.

Identification of the security guilds of the system with Kali Linux with specific tools Openvas, Armitage etc. Maintenance of the Scada SDEE MN System Prahova, Dâmbovița, Buzău, Brăila, Galati and Vrancea

Coordination and verification of the works for the modernization of the Transformation Stations and Stations.

Coordination and verification of works for the modernization of Burglary and Fire Detection Systems.  
NOC system integration of SCADA network at SDEE MN level.

Programming Automation Studio equipment type RTU HMI and PLC Efacec.

Raspberry PI configuration integrates automation through GPIO ports and programming in the Python environment.

Tests and tests SCADA 110kV 20kV etc. SCATEX +. Issue of test and test bulletins.

Troubleshoot and repair industrial electronic products.

OS installation and troubleshooting.

Identification of the security guilds of the system with Kali Linux with specific tools Openvas, Armitage etc.

### **IT Engineer - S.C. Eprocons Proiect S.R.L.**

Ploiesti | IT Hardware | IT / Telecom

My professional experience consists of:

Design Automation SCADA (Supervisory Control and Data Acquisition) and support in the approval committee:

feasibility studies, solution studies, technical design, specification, details execution in transformer stations Electrica Muntenia Nord SA and Transelectrica S.A. .

Transformer Stations:

Maxenu Buzau Station

Ploiesti Crang Industrial Park West Station Prahova

Valea Larga Station Sinaia

Floresti Station Prahova

Campina Station, Prahova

Brazi West Station

Fundeni Bucharest Station

Movila Vulpii Station

and so on

Fiber Optic coexistence Studies (UPC):

Resistance mechanical calculation poles

Identifying pillars: the type and cables

Hardware and software repair PCs, Servers, Laptops, Printers

Design and manufacture Network with 2 Workstations 10 PCs 1 Plotter 10 Printers Server computers, network storage, UPS, router, switch and cable management

Design and manufacture of security and fire detection systems

Automation Studio EFACEC Romania

65.

### **MES Lead Software Engineer - Honeywell**

Bucuresti | IT Software | Petrol / Gaze

### **Inginer SCADA & Automatizări - Grid Solutions Romania-GE Power**

Bucuresti | Inginerie | Energetica

- Implementare sisteme SCADA DSAgile, Pacis și DAP Server în stațiile electrice;
- Configurare baze date, Input/Output, logică automatizări, HMI conform specificațiilor din proiect, cerințelor clientului;
- Configurare, debugging de servere, clienți, RTU, echipamente de comunicație;
- Validare / teste FAT / commissioning sisteme SCADA pentru stații electrice;

- Integrare diferite tipuri, producători de rele de protecție din stațiile electrice;
- Realizare conexiuni și teste cu SCADA stație electrică și centrele de dispecerat;
- Configurare semnale utilizând diferite tipuri de protocol de comunicație IEC 61850, IEC60870-5-101, IEC60870-5-103, MODBUS, IEC60870-5-104, Courier.

#### Proiecte

- Validare / teste FAT stații electrice Hornsea, Windfarm Whalney, Burbo Banks client DONG Energy Danemark;
- Validare/teste FAT/commissioning stații electrice Agios Georgios, Paros, Syros, Lavrio, Mykonos client Grid Solutions Hellas ;
- Commissioning stații electrice Kafue și Kariba client Zesco Zambia;;
- Commissioning stații electrice Binga și Conji client Ene Angola
- Commissioning, mentenanță stații electrice Tulcea Vest, Târgoviște, Brazi Vest, Baia Mare, Tariverde, Turnu-Măgurele client Transelectrica SA România.

#### **Inginer SCADA - Transelectrica SA, S.T București -CTSI**

Bucuresti | Inginerie | Energetica

Noiembrie 2011 – Decembrie 2014

Inginer SCADA

- Implementarea sistemelor SCADA în Centrul de Teleconducere București;
- Recepție lucrări modernizare sisteme SCADA din stații electrice, teste SAT, teste FAT;
- Mentenanță sisteme SCADA implementate în Centrul de Teleconducere București;
- Participare la avizare, inginerie pentru proiectele noi ce urmau a fi implementate în stațiile din cadrul ST București;
- Site supervisor lucrări de realizare Centru Teleconducere București

66.

#### **SCADA/DCS Automation Engineer - Areva T&D Romania**

Bucharest | Engineering | -

Analyse system specifications. Develop DCS configuration database. Perform internal validation tests on the integration platform. Perform Factory Acceptance Tests (FAT) with the customer. Perform the Site Acceptance Tests (SAT) with the customer. Perform maintenance to existing systems.

67.

#### **Specialist SCADA - Nuclearelectrica**

Cernavoda | Automatizari | Energetica

Resposabil de urmatoarele sisteme:

Sistem monitorizare debite, nivele și temperaturi

RBLRT/ GCLM

Hardware retele de date de proces

Gateway Software (SCADA)

Programe de comunicații (OPC-PI OSIsoft)

Non DCC Software

Control Configuration

SCADA / Procnnet .

SCADA-Statia de tratare a apei

SCADA-Statia 110kV

SCADA-Termoficare

Sistem de monitorizare a parametrilor critici de securitate

PLC ( Siemens S700, S400, S200, National Instruments, Pheonix Contact)

Simatic PLC/ Analysers (Diagnosticare SW/HW PLC-uri)

Principalele activitati:

Asigurarea mentenantei software, urmărind funcționarea programelor conform specificațiilor.

Proiectare, elaborare și testare module software necesare modificărilor pentru optimizarea operării.

Participare la procesul de verificare / validare a proiectelor.

Supraveghere echipamentele care deserve camera de comandă (display-uri, key board-uri, switch-uri, etc.) pentru a menține funcționalitatea in scopul operarii optime.

Menținerea criteriilor de siguranță la defectare prevăzute în proiectul original, urmărind ca acestea să nu se degradeze ca efect al modificărilor sau modernizărilor.

68.

#### **Director SCADA - Bifa Automatizari S.R.L.**

Iasi | Inginerie | IT / Telecom

In prezent sunt angajat in cadrul firmei BIFA Automatizari. Ma ocup de departamentul de automatizari si SCADA, in calitate de director SCADA lucrand la mai multe proiecte de dimensiuni medii si mari:

-aplicatii apa canal(statii pompare ape uzate, statii pompare ape potabile, rezervoare, statii epurare, statii de tip captare, foraje, statii tratare, etc.)

-statii de asfalt Cernavoda, Ramnicu Sarat, Focsani etc.

-statii de desorbtie termica (SDT-30, SDT-10)

-prese industriale ce produc componente pentru rachete anti-grindina ( 4 buc - tip C, tip H);

Lucrez in diferite programe de proiectare de la diversi producatori: Siemens, Allen Bradley, Schneider,LS, Phoenix Contact, Omron, etc.

#### **Inginer Automatist - Electroalfa International**

Iasi | Inginerie | IT / Telecom

In perioada mai sus menționată am lucrat la Electroalfa International având funcția de inginer automatist. Am lucrat la proiecte de o dificultate medie având scopul de a realiza aplicații SCADA pentru proiectul BRUA alături de colegii mei, dar și programarea stațiilor de punere sub presiune a

gazului cu tot ce presupune. În acest timp ma ocupam și de o parte din ofertare pentru viitoarele lucrări.

### **Inginer Automatist - Gemini Cad Systems**

Iasi | IT Hardware | IT / Telecom

Imediat după terminarea studiilor am urmat un internship în cadrul firmei ieșene Gemini Cad Systems lași ce s-a concretizat cu o ofertă de muncă ca și inginer automatist. Am fost implicat în dezvoltarea de noi tehnologii în industria textilelor și a pielăriei.

Am participat activ la proiectarea soluțiilor hardware ce au ajuns să fie realizate ca și produse de serie. Munca mea a fost atât pe partea de proiectarea a diverselor scheme electrice soluții ce a implicat integrarea aparatajelor diverșilor producători dar și implementarea acestora presupunând o muncă de electrician.

În final înainte de a trimite soluțiile realizate departamentelor ce se ocupau cu producerea lor în serie am urmat și o serie de teste cu aceste utilaje prototip. Astfel încât am putut urmări un proiect de la stadiul de idee, proiect, implementare până la un produs industrial vândut până în momentul de față în zeci de de unități.

69.

### **Junior SCADA Engineer - Eximprod Group**

Bucharest | Engineering | Energy

Contribute to development and maintenance of SCADA DMS/OMS

Support and train Power Dispatchers on Scatex+ Software

Troubleshooting

Commission tests for HV/MV Substations

SCADA System Configuration and matching databases

Mapping HV/MV Substation networks

EFACEC UC500

### **Intern - Eximprod Group**

Bucharest | Engineering | Energy

EFACEC Scatex+ DMS/OMS Platform

SCADA System Configuration

AWS Fundamentals: Going Cloud-Native, CCNA Routing&Switching

70.

### **Inginer SCADA - EFACEC Central Europe**

Bucuresti | Inginerie | IT / Telecom

Dezvoltare software SCADA, protecții și automatizări industriale. Punere în funcțiune protecții și automatizări industriale în zona Europei Centrale.

-Teste de acceptanță în fabrica pentru protecții, automatizări și control SCADA pentru Stația de Sistem TRANSELECTRICA Vetiș 220/110/20kV.

Sistemul de protectii, automatizari si control SCADA este format din :

- doua servere de date cu redundanta hardware rulant platforma SCADA UC500 EFACEC ;
- doua servere de control si monitorizare UC500 EFACEC, cu redundanta software;
- 25 unitati Bay Controller, BCU500, complet redundante;
- 17 bay controller si relee de protectie TPU S420;
- Relee de protectie Siprotec 4, Micom 4, TPU L420.

-Punerea in functiune a unui nou sistem de control si protectie in Statia de Sistem Tihau 220/110kV. Statia are o arhitectura poligonala pe nivelul de 220kV si sistem simplu de bare pe nivelul de 110kV. Statia este echipata cu un autotransformator 220/110kV. Sistemul de protectii contine relee numerice de protectie de distanta, 7SA612, relee numerice de protectie diferentiala, 7UT635, releu de protectie diferentiala de bara, 7SS522/523 si relee pentru teleprotectie Micom P841. Sistemul de automatizare si control este o platforma UC500 EFACEC.

#### **Uc500 TPU220 TPU S/L/TD 420**

#### **Inginer SCADA - SC Enevo Group SRL**

Bucuresti | Inginerie | IT / Telecom

Coordonare tehnica de proiecte in domeniul SCADA, studii energetice de reglare si coordonare protectii.

Am coordonat, dezvoltat si implementat Studiul de Coordonare al Protectiilor in platforma industriala de productie a otelului, Al Jubail Hadeed Steel, Regatul Arabiei Saudite. Studiul cuprinde 30 de statii electrice.

#### **Proiectare automatizari AutoCAD Studii energetice ETAP**

#### **Specialist SCADA - SAIP Automation (advanced partner Siemens)**

Targu-Mures | Inginerie | Prestari servicii

Configurare RTU la nivel de statie de transformare ( AK1703ACP, BC1703ACP, TM1703emic ) si comunicatii pe protocol industrial ( IEC61850 , 60870-101 , 60870-104 , DNP3 , MODBUS ), configurare si parametrizare relee de protectie numerice pentru celule de 110KV si 20KV ( Siemens 7SJ642 , 7SA632 , 7UT , ABB REF542+ , REF615 , REF630 ).

Am incheiat cu succes un contract de inginerie SCADA pentru CEZ in Galicea 110/20kV si unul in Emiratele Arabe Unite pentru TRANSCO Ruwais 400/220kV.

Cele mai bune recomandari de la clienti, Siemens UAE, Siemens Romania, CEZ, pentru indeplinirea eficienta a sarcinilor.

#### **SICAM 1703 Siemens**

#### **Specialist SCADA - SC Electro Alfa International**

Craiova | Inginerie | IT / Telecom

Configurare si parametrizare relee de protectie numerice in celule de 110KV si 20KV ( Siemens 7SJ642 , 7SA632 , 7UT , ABB REF542+ , REF615 , REF630 ) pentru protectie de distanta, protectie diferentiala, protectie homopolara sensibila etc. Configurare RTU la nivel de statie de transformare ( AK1703ACP ) si comunicatii pe protocol industrial ( IEC61850 , 60870-101 , 60870-104 , DNP3 , MODBUS ), SCADA in general.

Am realizat integrarea SCADA a statiilor de transformare 110/20KV Lupoia , Corabia , Viseu , Iosia Oradea , FAI Iasi, Brezoi , Topoloveni , Patroaia , Basarabi , Barsesti , Valea Mare , intotdeauna in termenul stabilit si cu cele mai bune aprecieri din partea clientului.

**Siprotec4 Siemens ABB REF/RET600 series SICAM1703 Siemens**

71.

**Automation Engineer/Scada Coordinator - S.C. APA PROD S.A**

Deva | Service / Maintenance | Energy

- Supervision of the technological process through SCADA system.
- Monitoring water distribution system/pumping stations and sewage network.
- Computer hardware and software support (Setup, configure, and maintenance.)
- Coordination of the operative personnel according to the requirements of the process.
- Coordination and verification of hydraulic, electrical and mechanical manoeuvres.
- Plc programming, debugging.
- Participate in all crashes occurring in the system regardless of working time.

72.

**SCADA engineer - Adrem Automation**

**Protection and Automation Engineer - Transelectrica**

Brasov | Engineering | Administrative / Public Sector

Testing old and new protection and automation equipment.

Managing and updating procedures and instructions for the protection installations, in accordance with the quality standards.

Update equipment database for maintenance.

**ability to read and work with electrical diagrams ability to use software related to protection and automation relays for electrical grid**

73.

**SCADA Engineer - Eximprod Grup**



Bucharest | Engineering | Energy

Main responsibilities:

- Develop and edit databases for SCADA systems
- Synoptic drawing for Main Control Centers - for Electrica Distribution Muntenia Nord
- Configuring of field equipment used for data acquisition in SCADA projects (RTU and telecom equipment)
- Commissioning of scada systems for Transformation Points.
- Part of the team responsible with the integration of Red Nord dispatch software for National Distribution system of Republic of Moldova.

74.

#### **DCS-SCADA commissioning engineer - AREVA T&D FRANCE**

ABROAD | Engineering | Energy

- DCS/SCADA PACIS system configuration, HMI interface, LD functions, FBD logics, tests and commissioning of high and medium voltage substations:
  - Albania Durres Project-Berat, Elbasan and Porto Romano s/s 110/20kV, (AREVA France, Fichtner-Germany, Iberdrola-Spain, KESH-Albania).
  - South Pars, Iran 132/33/11 kV (AREVA France, DAELIM-South Korea).
  - Bell Air, Senegal -132/33/11 kV (AREVA France, SENELEC-Senegal).
  - Romania retrofitting 11 substations 220/110kV (AREVA France, Transelectrica Romania)
  - AXIS project, Romania-Roman Nord, Bacau and Suceava 400/110kV (AREVA Germany-Transelectrica)
  - Tariverde, Romania 400/110kV 600MW WINDFARM s/s (AREVA France, Transelectrica, CEZ-Romania)
  - Lacu Sarat, Romania 400/220/110/20/10 kV (AREVA France, Transelectrica-Romania)
  - Gutinas, Romania 110kV substation (AREVA France, Transelectrica-Romania)
  - Bashrah Irak –Garma, Harbou and Qurna 132/33/11 kV (AREVA France, Irak National Power Grid).
- Commissioning of Areva Air Insulated switchgear and GIS (Gas Insulated Switchgear), delivered in Europe, Middle East and Africa by Areva Switzerland.

**GIS, dcs**

75.

#### **inginer operator SCADA - SC APA CTTA SA**

Alba Iulia | Constructii / Instalatii | Constructii

**Stație Epurare -Operator SCADA,monitorizare echipamente , mentenanța echipamentelor,mentinarea stației in parametri chimici normali,echipa de 8 oameni in subordine**

**76.**

**programator PLC si SCADA - Lafarge Ciment**

Medgidia | IT Software | Constructii

-am facut programare PLC si SCADA in sisteme de automatizare Allen Bradley ,ABB, automatizari pentru procese tehnologice din industria cimentului

**77.**

**Inginer SCADA / Manager Proiect - Eximprod Grup**

Bucuresti | Inginerie | Energetica

- Coordonare proiect de proiectare si executie statii de transformare (110 kV, 20 kV) si retele electrice de medie si inalta tensiune pentru integrarea in sistemul energetic national a parcurilor fotovoltaice din comuna Ciorani – Racordare la RED 7 parcuri fotovoltaice 65 MW localitatea Ciorani;
- Coordonare aciziti si livrari echipamente si sisteme pentru statia de transformare 110/20 kV Baleni si retele electrice in cablu de medie tensiune – Racordare la RED parc eolian 50 MW Baleni (GDF Suez);
- Coordonator proiecte de implementare si integrare sisteme SCADA in statii electrice de transformare;
- Urmarirea livrabilelor si a lucrarilor in derulare / finalizate, realizarea documentatiei de facturare si elaborarea situatiilor de lucrari;
- Proiectarea de sisteme automate tip SCADA (Supervisory Control And Data Acquisition) in statii de transformare si distributie secundara;
- Asistenta tehnica la intocmirea ofertelor tehnice si comerciale;
- Integrarea si configurarea sistemelor SCADA, releelor de protectie si IED-urilor in PA/PT si statii electrice.

**AutoCAD eplan electric p8 digsi 4 winprot Digsi 5 Automation Studio Designer ANRE IVA ANRE IVB**

**78.**

**Maintenance Engineer /SCADA OPERATOR - ENVISAN NV Belgium**

Pitesti | Engineering | Oil / Gas

- Renewable - Waste to Energy Power Plant process control
- Energy production using low power counter pressure steam turbine (36 barg, 30T/h) with Leroy Somer 2MW alternator
- HMI based on Siemens WinCC with over 20.000 measuring points
- Coordinate field operator team on daily basis planned and unplanned maintenance
- Level, temperature and pressure control in more than 20 tanks of different volumes based on advanced PID regulators
- 16MW LNG/LFO burners control for startup
- Furnace temperature, air flow and combustion control using advanced PID/PI loops in order to achieve maximum steam capacity
- Exhaust gases control by bicarbonate and lime proportional dosing
- Utilities control (water demineralization, compressed air, power supply monitoring)
- POWER FAILURE and EMERGENCY SHUTDOWN plant control when occurred (starting GENSET, synchronizing Turbine alternator, following safety procedures )
- Commissioning instrumentation equipment installation (temperature, vibration, level, flow)
- Electronics boards debugging
- Supervise cable laying, test and connection
- Field operation when needed (draining drums, level checking, valves, motors, pumps, pneumatic actuators, frequency drives, heat exchangers maintenance work)
- Actuators calibration (pneumatic, hydraulic, electric)
- Instruments calibration (SCADA and local)
- Utilities maintenance (air compressors and blowers, well pumps, water treatment plant)
- General equipments manufacturers : Siemens, Netzsch, Nord, Atlas Copco, WEG, Deif, Schneider, Omron, Vacon, Toshiba, Spirax Sarco, Festo, etc.)

## **Introduction in Automation Studio**

**79.**

## **SCADA Electromechanical Engineering in Cluj - Napoca International Airport - UTI FACILITY MANAGEMENT**

Cluj-Napoca | Engineering | -

In Cluj - Napoca International Airport:

- monitoring the system HBS ( Baggage Handling System)
- to remedy defects appearing in the HBS
- elaboration of statistics in SCADA program
- servicing and maintaining System HBS

- performance testing System HBS
- maintenance, servicing and troubleshooting x-ray machines
- x-ray testing machines
- testing HBS System

80.

**Team Lead Power Supply SCADA maintenance - METROREX S.A,**

Bucharest | Service / Maintenance | -

Design, implementation, partial and final tests, deployment, maintenance and administration, upgrading of the SC

**Designer - Metroul S.A.**

Bucharest | Engineering | -

Seeking conceptual solutions (hardware and software) for SCADA for power supply systems. The result of the work was concluded with a bidding documentation.

81.

**Inginer Compartiment Monitorizare Procese (SCADA) - SC Compania Regionala de Apa Bacau SA**

Bacau | Inginerie | Prestari servicii

Monitorizarea si verificarea bunei functionari a Statiei de Tratare si de Epurare a apei in orasul Bacau prin sistem SCADA.

Detectii de trasee, pierderi de apa si video inspectii canale.

Salar motivant, bonuri de masa, telefon de servicii.

82.

**Inginer Sisteme SCADA - S.C. Efacec Central Europe Limited S.R.L.**

Baia Mare | Inginerie | -

Configurare sisteme de automatizare SCADA/DMS, teste de fabrica si teste de punere in functie la locatia clientului (statii electrice, PA-uri, PT-uri) – implementarea semnalelor cerute de client in bazele de date de server, RTU sau IED, lista de alarme, lista de evenimente, arhiva de masuri, interblocaje comenzi, desenare schema electrica a statiei cu pozitii, masuri, comenzi atasate, interblocaje in HMI, protocoale folosite – IEC 61850, IEC 60870-5-101 si 104, DNP3, Modbus; mentenanta la sistemul SCADA din Baia Mare

1. ICCP (Interconnectivity Command Centre Protocol)-protocol de comunicatie intre doua centre SCADA diferite
2. DMS (Distribution Management System)- management si monitorizare de la distanta a

*rețelei energetice de distribuție*

3. *OSD (One Space Designer)-program de desenare profesional, Manager (baza de date), Modeling (modelare 3D), Annotation and Drafting (modelare 2D)*

4. *ATC: Certificat de absolvire AutoCAD 2002 nivelul II (2D și 3D) - Centrul de instruire Autodesk 2006 (TehnoCAD);*

5. *Atestat profesional - Certificat de competențe profesionale pentru limba engleză (2002).*

83.

#### **Inginer SCADA - Danieli Engineering Rom**

Wonderware InTouch

Simatic WinCC 7

Delmia Automation

Copa-Data Zenon

Siemens PLC S7

84.

#### **Electrical and SCADA Manager - SC MDL Electro Concept SRL**

Bucharest | Engineering | Energy

Waste Water Treatment Plant of Plopeni and Campina, Prahova County.

SCADA : WinCC (Siemens), Visu+(Phoenix Contact) implementation and commissioning.

Low voltage design, PLC interface, Instrumentation calibration, Invertors configuration P&I.

Lead up to 8 people team.

Architecture and Network design: FO Ring Ethernet, PROFIBUS, ModBus, OPC.

Regional SCADA dispecer.

PLC programming WAGO, Phoenix Contact, Siemens.

Communication between different PLC/SCADA brands.

#### **PLC Visu+**

#### **Electrical and SCADA Site Manager - UTI**

Bucharest | Engineering | Energy

For CAO (Compania de Apa Olt) I implemented SCADA for Water Treatment Plant in 3 location:

Draganesti-Olt, Potcoava and Scornicesti.

For the drilling shaft field location (34 points), I use PLC (WAGO) to collect data and send them via GSM/GPRS to dispecer.

Into dispecer, SCADA (Schneider) receive informations and analyze them, in order to keep constant the level of watertank. The chlorination process are also monitorise in SCADA.

Site Manager Electrical and SCADA.

For CAS (Compania de Apa Somes) I was designing the automation electrical diagram, programming Siemens PLC (Step 7) and put all systems in SCADA (WinCC). The equipments are connected using a redundant ring fiber optic.

Lead up to 10 people team.

85.

**SCADA System engineer - SC Apa-Canal SA Sibiu**

Sibiu | Engineering | Environmental Protection

- industrial system engineer for SCADA automation
- industrial network (ModBus, ProfiBus, Ethernet, WI-FI 2,4 and 5 GHz) and GSM/GPRS,3G using and set skills

Siemens industrial HMI using and programming skills

power plant generator using and programming skills

simulation scenery for SCADA system

86.

**SCADA System Engineer - EMERSON**

Cluj-Napoca | Engineering | -

- Development of Functional Design Specifications;
- Development of System Design Specifications;
- Development of Test Specifications;
- Implement assigned software coding in accordance with the design requirements as detailed within the Functional Design Specifications and or System Design Specifications;
- Assist in the hardware assembly and unit testing of a control system network;
- Undertake system testing and report any defects in accordance with CQMS;
- Provide defect resolution;
- Provide project support and training on and off site;

Provide sales support on and off site;

- Provide general IT support;

**Engineer in Automation Systems - FAST EST**

Piatra Neamt | Engineering | -

Programming and implementing of software for automation systems.

-configuration of ESD (IO mapping,SCADA-PlantView and PLC-EloplII developing, configuration of the communication, technical assistance) for HIMA platforms.

-configuration of DCS (IO mapping, SCADA-WinCC and PLC-Step7 developing) for SIEMENS platforms

-FAT(Factory Acceptance Test) and SAT (Site Acceptance Test): power-on,logic test, loop test, modbus test.

-Commissioning and Start-up

-producing DCS/ESD technical design specification (DCS/ESD Simplified Typical Loops, DCS/ESD technical design specification, Client documentation check, InTools input).

87.

**inginer automatist - Siemens Srl**

Bucuresti | Inginerie | -

Automatizari in sectorul energetic.Parametrizare pentru achiziitii si transmisii de date, comanda control (SCADA), parametrizari relee de protectie Siprotec.

Softuri folosite: Sicam Pas, Sicam Pas CC, WinCC, Sicam 230, Sicam 1703,Digsi 4, Simatic S7-200(trainiguri de specialitate).

Protocoale utilizate: IEC 61850, IEC 60870-5-101, IEC 60870-5-103, IEC 60870-5-104, Modbus, Profibus.

Tipuri de conexiuni folosite: RS-232, RS-485.

Configurare HMI, conversii de protocol, control autoritate.

Configurare DCS, commissioning si mentenanta.

Parametrizare si punere in functiune a sistemului de anclansare automata a rezervei (AAR) pentru statii de medie tensiune.

Studierea documentatiei si crearea listelor de semnale conform cu caietul de sarcini.

Particip la puneri in functiune (commissioning),(FAT,SAT).

Proiecte incheiate in urmatoarele statii electrice (atat partea de inginerie cat si partea de punere in functiune):

-110/20KV Sf. Gheorghe;

-20/6KV Tr. Severin;

-110/6kV Constanta;

-400/220/110/20kV Urechesti;

-110/20kV Dumbravita;

-110/20kV Almaj;

-110/20kV Banovita;

-220/33kV Elixir2 Al Mirfa UAE (United Arab Emirates).

Parametrizarea retelei locale din statia electrica, configurarea switchurilor de retea.

Cunostinte solide in domeniul transportului de energie electrica.

Cunoasterea limbajului industrial IEC 61131 (FBD,SFC,LD,ST,IL).

Interpretarea schemelor electrice monofilare.

In unele proiecte preluam si atributiile managerului de proiect. Mentinem legatura atat cu beneficiarul, furnizorii cat si eventualii subcontractori pentru o cat mai buna desfasurare a proiectului si incadrare in termenul limita din contract.

#### **inginer automatist - Mediplus Exim SRL**

Bucuresti | Inginerie | -

Intretinerea unei benzi automatizate care face livrarea medicamentelor. Coordonarea echipei de electricieni si mecanici din cadrul departamentului tehnic, in vederea bunei functionari a benzii automatizate din cadrul firmei.Interventia pentru depanare in caz de nevoie. Comanda pieselor de schimb, realizarea necesarului de piese. Mentinerea relatiilor cu personalul firmei care a montat banda

#### **inginer automatist - Honeywell Garrett**

Bucuresti | Inginerie | -

Intretinerea liniilor industriale.

Liniile sunt formate din bancuri de montaj structurate succesiv, fiecare banc fiind coordonat de catre un PLC(automat programabil).

Exista legatura intre bancurile de productie. Fiecare piesa este verificata dupa codul de bare cand intra respectiv cand iese de la fiecare robot astfel incat cu ajutorul comunicatiei dintre PLCuri, toate informatiile sunt aduse la un PC care are instalat un software (Labview) pentru gestionarea tuturor informatiilor, existind astfel o trasabilitate totala a produselor.

In structura liniilor sunt PLC-uri Siemens S5,S7,AllenBradley,Telemecanique,Sharp,Omron sisteme de control al deplasarilor pe axe lineare si rotative, roboti cu 3 axe, etc.

Exista pe unele linii sisteme de control cu verificare video (prelucrarea imaginilor pe PC)

Liniile sunt implementate cu tehnica ultimilor ani.

88.

#### **SCADA engineer - Eximprod Grup**

Bacau | Procurement | -

SCADA integration:

- HV/MV substation
- Transformation points
- Supplying points
- Reclosers and remote separators

89.

#### **Inginer SCADA - Compania de Apa Aries**

90.

#### **Operator SCADA - SC Vital SA**

Baia Mare | IT Software | IT / Telecom

91.

#### **Scada Operator - Yeo Valley LTD**

STRAINATATE | Automatizari | Productie

**SCADA** Operator (suport tehnic & monitorizare procese) Yeo

Valley, Blagdon, UK În cadrul departamentului de automatizare și

control procese, am activat ca **SCADA** Operator, fiind

responsabil de monitorizarea, analiza și intervenția în timp real

asupra fluxurilor de producție automatizate, în special în zonele



de blending, pasteurizare și ambalare. Rolul meu a fost esențial în asigurarea continuității proceselor, trasabilității produselor și siguranței alimentare. Responsabilități principale:

- Monitorizarea proceselor industriale prin sistemul **SCADA** (Supervisory Control and Data Acquisition), cu focus pe controlul parametrilor-cheie (temperaturi, presiuni, debite, cicluri de CIP/SIP) pentru echipamentele implicate în producția de iaurt.
- Analiza alarmelor și a mesajelor de sistem, urmărind identificarea rapidă a disfuncționalităților și colaborarea cu echipele de teren (blending, processing, mentenanță) pentru remedierea eficientă a problemelor.
- Asigurarea trasabilității digitale, prin urmărirea loturilor, rețetelor și modificărilor de proces, în conformitate cu cerințele BRC, ISO 22000 și HACCP.
- Controlul rețetelor și ciclurilor automate, incluzând activarea sau ajustarea secvențelor automate de amestec, pasteurizare, sau igienizare.
- Colaborare cu echipa de mentenanță și IT pentru testarea funcționalității interfețelor HMI și integrarea comenzilor între PLC-uri și rețeaua de control.
- Raportare zilnică privind activitatea sistemului, incidentele apărute și timpii de nefuncționare, cu focus pe prevenție și îmbunătățire continuă.
- Suport pentru operatorii de linie în interpretarea comenzilor **SCADA**, reglarea parametrilor și utilizarea corectă a echipamentelor controlate automat.

Competențe și tehnologii utilizate:

- Utilizare interfețe **SCADA** și HMI (ex. Siemens WinCC, AllenBradley – în funcție de sistemul intern Yeo Valley).
- Cunoștințe de bază despre arhitectura PLC și rețele industriale.
- Înțelegerea completă a fluxurilor de proces automatizate în industria lactatelor.

- Familiaritate cu alarme, logică de control, diagrame de proces (P&ID) și sistemele de backup/restaurare **SCADA**.
- Respect strict al standardelor de siguranță, igienă și calitate alimentară (GMP, BRC, ISO 22000).

Realizări notabile:

- Am contribuit la reducerea timpilor de oprire prin diagnosticarea rapidă a anomaliilor de proces în **SCADA**.
- Am oferit training informal operatorilor din blending și processing în utilizarea corectă a sistemului **SCADA**.
- Am susținut implementarea de mici îmbunătățiri (optimizări în rețete automate, timpi de CIP) cu impact pozitiv asupra eficienței liniei.

92.

### **SCADA Operative - GXO Logistics (UK, Barnsley)**

| Automatizari | Transport / Logistica / Import - Export

Am lucrat ca **SCADA** Operative la GXO Logistics, avand responsabilitati ce au inclus monitorizarea si optimizarea operatiunilor din depozit prin intermediul tehnologiei avansate **SCADA**. Rolul a presupus colaborarea cu diverse departamente pentru a asigura fluxuri logistice fara intreruperi si pentru a imbunatati eficienta operationala. Implicarea constanta in testarea de acceptanta a utilizatorului (UAT) a facilitat integrarea noilor sisteme software, asigurand o tranzitie fara perturbari si maximizarea productivitatii.

- am contribuit la o crestere de peste 10% a eficientei operationale prin utilizarea sistemelor **SCADA**.
- am colaborat cu toate departamentele depozitului pentru optimizarea proceselor logistice, ceea ce a dus la cresterea satisfactiei clientilor.
- participare la initiative de rezolvare a problemelor legate de automatizare, imbunatatind fiabilitatea sistemului.
- oferirea de suport IT si instruire, sprijinind configurarea hardware-ului, constientizarea privind phishing-ul si protocoalele de securitate pentru e-mail. Am dobandit experienta practica in operatiunile IT zilnice, alaturi de echipa IT.
- implicare alaturi de echipa UAT (User Acceptance Testing) pentru implementarea de noi schimbari software destinate sortarii coletelor.

93.

### **Automation Engineer - Continental Anvelope Timisoara**

Timisoara | Inginerie | Masini / Auto

Support departament mentenanta;

Support pentru dezvoltarea proiectelor noi;

PLC & HMI update and troubleshooting;

Dezvoltare de proiecte noi si upgrade pentru sistemele vechi.

### **Automation Engineer - Diferite contracte**

Brasov | Automatizari | Constructii

**SCADA** and PLC Commissioning Engineer

SAT, FAT, Commissioning - Activitate in proiecte diferite pe baza de contract.

**Automatizari Siemens wago zenon tia portal Inginerie electrica pilz commissioning**

### **Inginer Automatist - Preh Romania**

Brasov | Automatizari | Masini / Auto

**Mentenanta WinCC WinCC Flexible Profibus Programare PLC hmi Siemens Simatic Step 7 tia portal Ladder Diagram**

### **Inginer Automatist - Siemens SRL**

Brasov | Automatizari | Petrol / Gaze

**Instalatii electrice pcs 7 oil gas organization project management**

### **Inginer Automatist - Kuka Systems**

Sibiu | Inginerie | Masini / Auto

**Step 7 wonderware intouch Scanner mentenanta software si hardware sensors and transducers**

### **Inginer Automatist - ICCO ELECTRIC**

Brasov | Inginerie | Energetica

**AutoCAD Programare PLC siemens step 7 eplan electric p8 capacitatea de planificare**

**Capacitatea de organizare si coordonare Statii electrice de transformare Easy-soft - Eaton**

**Scada** Electrical

**Certificari:**

ISTQB Foundation Level

QA Manual & Automat Tester(Training-ul a avut loc din noiembrie '22 până în mai '23 in cadrul Azimut Vision.

Am învățat cum să folosesc instrumente precum Jira, Markdown și altele pentru a crea un caz de testare și pentru a urmări progresul testelor.

Folosim IntelliJ Idea, Java, Selenium, Cucumber, Maven, Gherkin, SQL, Xpaths, Git. La final am folosit tot ce am învățat într-un proiect pentru Testarea automată a unei pagini web, proiectele au fost salvate în Git.)

94.

### **Operation Manager, SCADA & Electrical Engineer. - CGN Europe Energy**

ABROAD | Engineering | Energy

Plan and review compensation actions; enforcing policies and procedures

Analyze process workflow, employee and space requirements and equipment layout; implement changes

Maintain safe and healthy work environment by establishing, following and enforcing standards and procedures; complying with legal regulations

Meet or exceed operations labor budget expectations

Develops electrical and SCADA optimizations to improve the reliability of plants

High level support of technical team about electrical issues

High level support of technical team about communication and network issues.

### **SCADA & Operations Engineer - CGN EE Europe Energy, Paris, France**

ABROAD | Engineering | Energy

Design, commissioning and maintenance of automated systems for the control and monitoring of wind and solar parks,

Coordination and training of operation and maintenance teams; providing the necessary materials for the interventions,

Preventive and curative maintenance of medium voltage networks for distribution stations and substations 20kV / 38kV / 70kV,

Preventive and corrective maintenance of communication and SCADA Networks,

Technical support for wind preventive and curative maintenance of Senvion, GE, Enercon, Nordex and Vestas wind turbines,

On-call Service: Overhead wind and medium and low voltage networks, remote troubleshooting, reporting off intervention teams,

### **Electrical Maintenance Engineer - Maïa Eolis, Lille, France**

ABROAD | Engineering | Energy

Design, installation and maintenance of automation systems for the control and monitoring of wind farms,

Preventive and corrective maintenance of Senvion wind turbines MM80 and MM92,

Preventive and corrective maintenance of electrical HV / LV networks for delivery stations and substations,

Preventive and corrective maintenance of communication and SCADA networks,

On Call Service: Monitoring and Troubleshooting MV / LV Networks and wind farms,

Management the maintenance stock's: orders, invoices (SAP);

**SEE Elctrical Expert Drawing's SEE Elctrical Expert Drawing's Technical support locally and remotely coordination and project management Team Management**

95.

### **Mechanical Engineer & SCADA Project Supervisor - PETROTRANS**

Ploiesti | Oil / Gas | Oil / Gas

I was part of the team that had to implement the SCADA project for the transport of finished petroleum products through pipelines.

Daily jobs according to my engineering diploma:

- Evaluates mechanical and electromechanical systems and products by designing and conducting research programs; applying principles of mechanics, thermodynamics, hydraulics, heat transfer, and materials.
- Develops mechanical and electromechanical products by studying customer requirements; researching and testing manufacturing and assembly methods and materials; soliciting observations from operators.
- Develops manufacturing processes by designing and modifying equipment for fabricating, building, assembling, and installing components.
- Assures system and product quality by designing testing methods; testing finished- product and system capabilities; confirming fabrication, assembly, and installation processes.
- Prepares product reports by collecting, analyzing, and summarizing information and trends.

- Provides engineering information by answering questions and requests.
- Maintains product and company reputation by complying with government regulations.
- Keeps equipment operational by coordinating maintenance and repair services; following manufacturer's instructions and established procedures; requesting special services.
- Contributes to team effort by accomplishing related results as needed.

**96.**

### **Specialist Engineer - SIEMENS SRL, Bucuresti**

Targu-Mures | Inginerie | Energetica

- Responsabil de Proiectarea, Executarea, Testarea și Punerea în Funcțiune a echipamentelor de Control și Monitorizare **SCADA** , inclusiv a rețelei de comunicații și a echipamentelor anexe din sistemul informatic.

- Responsabil de executarea lucrărilor de Engineering și Managmentul proiectelor in diferitele faze ale acestora in contact direct cu clientul final (Pre-FAT, FAT, SAT).

- Optimizarea sistemului **SCADA** in vederea imbunătățirii stabilității sistemului, a experienței utilizatorului și a creșterii performanței sistemului informatic.

- Responsabil de întocmirea de rapoarte de activitate, instrucțiuni și documentații de operare și utilizare, proceduri operaționale, fișe tehnologice pentru echipamente.

- Intocmirea rapoartelor de non-conformitate apărute pe parcursul etapelor desfășurate pe proiect si găsirea unor soluții optime si rapide pentru buna funcționare a sistemului până la remedierea problemelor ivite inopinant in tot procesul.

- Familiarizat in aceasta perioadă cu echipamentele/softurile industriale Ruggedcom, SIPROTEC 5, SICAM A8000 RTU, Meinberg / Sicam Device Manager, OPM ToolBox II și SCC+WinCC.

**97.**

### **Inginer Automatist - FrieslandCampina**

Targu-Mures | Automatizari | Alimentara

- Responsabil cu implementarea tehnologiilor și soluțiilor de digitalizare a fabricii în vederea creșterii indicatorilor KPI, a randamentului liniilor de producție și scăderea costurilor de producție și mentenanță efectivă.
- Integrarea de soluții de contorizare folosind tehnologiile industriale 4-20mA și IO-Link IFM în vederea eliminării erorilor umane de citire a valorii măsurate.
- Mentenanța și calibrarea unor mari varietăți de senzori pe liniile de producție ( presiune, temperatura, nivel, conductivitate, umiditate, vibrații, poziție, etc.) cu comunicație IO-Link sau HART.
- Configurarea echipamentelor industriale (convertizoare frecvență Danfoss și Siemens, convertoare seriale ICP Con, traductoare de temperatură, contoare digitale cu comunicație MODBUS, automate programabile, etc.)
- Calibrare valve pneumatice Samson, electrice și hidraulice, actuatoare
- Troubleshooting și reconfigurare logică a PLC-urilor Siemens & Omron cu comunicație ProfiNet, ProfiBus, etc.
- Familiarizat în această perioadă cu echipamentele/softurile industriale SIEMENS (TIA PORTAL), IFM (MONEO), Danfoss, SMC, Endress + Hauser, FESTO, Rejector produse neconforme FTSsystem, etc.

#### **WinCC WinCC Flexible Profibus Programare PLC hmi Siemens Simatic Step 7 tia portal Ladder Diagram**

98.

#### **Inginer Automatist - CNE**

Cernavoda | Automatizari | Energetica

Mentinerea configuratiei de exploatare la zi cu documentatia.

Documentarea modificarilor de proiect.

WinCC Flexible Profibus **Scada** Programare PLC Siemens Simatic Step 7 tia portal pid instrumentation siemens tia portal

#### **Inginer Automatist - Saint Gobain lover**

Ploiesti | Specialisti / Tehnicienii | Constructii

Interventii accidentale si preventive.

**SCADA** Wincc, Tia Portal si Step 7.

#### **PLC Programmer - Coskunoz MA**

Dragasani | Automatizari | Masini / Auto

PLC SIEMENS, Roboti KUKA, masini de sudura OBARA, prese ambutisaj FAGOR.

Mentenanata accidentala si preventiva.

Modificari/adaugiri in programe conform cerintelor.

### **Automation Engineer - Prysmian**

Slatina | Inginerie | Productie

Tia Portal PLC and Step 7 programmer - development and change the actual programs.

Preventive and accidental maintenance for extrusion line - Cerrini, Nextrom, Rosendahl.

Integration/comissioning new machines on the lines. I prepare KPI and analysis for breakdown time. I keep under control electrical spare parts.

### **Plc programmer - Hella**

Lugoj | Inginerie | Masini / Auto

Step 7, TIA PORTAL, E-Plan, pneumatics, Cognex, Keyence, GXWorks and GXDeveloper..

### **Automation Engineer - Maintec Service SRL-Krones AG**

STRAINATATE | Inginerie | Alimentara

Commissioning...

ASi networks - programming and setup for/with: Bihl&Widemann Master Profibus DP Gateway and Analog Module, B&H ASi Master with integrated Safety Monitor, IFM Master and Slaves, Peper Fuchs modules and programmer, ASi Mon software.

Profibus DP networks - wirings, programming and fault finding for Siemens devices: DP/DP Coupler, ET 200, Repeter... Troubleshooting - Tester PBT4.

Profinet networks - wirings, setup and fault finding; Scalance, Danfoss inverter FC302, ASi master with 2 port of Profinet from B&W...

S7 300 family: wirings, setup and fault findings.

### **Inginer automatist si SCADA - Compania de Apa Olt**

Slatina | Inginerie | Protectia mediului

Supraveghere si continua imbunatatire a procesului de epurare a apelor uzate orasenesti.

Lucrari de mentenanata accidentala si preventiva la echipamente ale firmei separatoare si ingrosatoare mecanice Hubber, separatoare Gea Westfalia, AWT, suflante Aerzen, senzori de PH, turbiditate, amoniu, nitrat si oxigen dizolvat Endress & Hauser, pompe ABS, Netzch si Wilo echipamente Di Tech...



Intretinerea si imbunatirea solutiei de automatizare/SCADA construite in jurul S7 300 + WinCC Flexible, in functie de cerinte impuse de evolutia procesului.  
P&ID.

99.

### **SCADA Engineer - Bartec Safety Engineering Romania**

Bucuresti | Inginerie | Energetica

- Configuration of communication networks for SCADA systems, using the following communication protocols: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus
- SCADA system configuration, UP and DOWN communication
- Familiarization with the following software used to configure Protection relays : Easergy Pro (Schneider); PCM (ABB); Digsig (Siemens) software to integrate transformer stations or transformer posts into SCADA
- SCADA commissioning and relay protection on-site acceptance test
- Participation in numerous on-site works, responsible for the configuration of HMIs related to transformer panels and electrical substations

### **Inginer - EXIMPROD GRUP SA**

Bucuresti | Inginerie | Energetica

- SCADA system configuration, UP and DOWN communication, configuration on UC 500 (Efacec platform)
- Testing of reclosers and disconnector on power lines.
- Testing and integration of relays on transformation posts.
- Integration and configuration for dispatching using the ScateX platform
- Configuration of communication networks for SCADA systems, using the following communication protocols: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus
- Participation in numerous on-site works, responsible for the configuration of RTUs and HMIs related to transformer panels and electrical substations

### **Inginer - CNAIR SA**

Bucuresti | Inginerie | Constructii

- Processing in GIS, data storage and analysis for updating the road management system
- Preparation of technical reports issued based on the parameters collected in the field for the reception of the works

- Follow-up and monitoring procedures over time

#### **AutoCAD Microsoft Office solidworks 3d**

#### **Inginer - SC Eximprod Grup SA**

Bucuresti | Inginerie | Constructii

- **Scada** configuration for dispatch (Scatex platform);
- **Scada** system communication networks, communication, protocols used: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus;
- Configuration of the RTU database, HMI database and synoptic;

#### **Inginer - SC IMSAT SA**

Bucuresti | Inginerie | Constructii

- Responsible for the design, execution, configuration of the system and the detection center
- Making the necessary connections for the implementation of security systems according to the projects
- Installation and commissioning of security systems (detection, access control, burglar alarm)
- Warranty and post-warranty service activities
- Management of customer complaints

**100.**

#### **Substation Control System Engineer (SCADA) - ABB AG / HTS**

ABROAD | Engineering | -

- Configuration and full commissioning of ABB MicroSCADA software (Protection and Control Integrated System), System installing, network communication – Fiber Optics Dual Ring, SCADA communication through 61850 protocol, HMI design and development, testing of commands and signals from circuit breakers, disconnectors and earthing switches, , testing and correcting the wiring in power supply cubicles, configuring the database according to the customer requests, for 66/11kV ABB substation - Barwa Financial District project (part of Qatar Petroleum District Project)

#### **PLC / SCADA Engineer - Degremont / Assystem France**

ABROAD | Environmental Protection | Environmental Protection

Doha / Qatar

Doha West Sewage Treatment Plant - WASTEWATER TREATMENT AND RECYCLING PLANT , Annexure 3 Extension 1

- PLC software upgrade for Annexure 3 ext.1 - redundant GE IP - Rx3i PLC, redundant Genius networks using Proficy Machine Edition
- GE IP - Proficy HMI/SCADA - Cimplicity Redundant Servers –application upgrade for Annexure 3 Extension 1

- HMI - Quick Panel View 15" application upgrade & redesign
- Siemens S7-300 - Sand Filters CPU's 317 -2DP software redundancy development

## **APPLICATIONS ENGINEER - Industrial Automation - Electroechipament Industrial Resita -**

### **Timisoara Office**

Timisoara | Engineering | -

2002 -2007 APPLICATIONS ENGINEER in Industrial Automation Department of Electroechipament Industrial Reșița, Timișoara branch;

- o PLC programming GeFanuc, experience in ladder diagram and scripts for Ge FANUC & Horner PLC
- VersaPro , Cscape , Proficy Machine Edition, programming Ge Fanuc, Horner & Proface Panels HMI
- GP Pro (Proface HMI Software) and Proficy Machine Edition, SCADA - Cimplicity HMI, distance monitoring (WEB portal) - Proficy Real Time Information Portal , databases - Microsoft SQL and GE Fanuc Proficy Historian
- o Design and maintenance of industrial networks - TCP/IP , MODBUS RTU, CS CAN
- o Applications development regarding thermal control of hidrogenerator in over 15 hydro power plants in Romania and implementation on the field keeping the deadlines imposed by the beneficiary
- o Design, execution coordination and put in service of full automation of CHE Subcetate (Hateg) and CHE Poiana Teiului (Piatra Neamt) power plants
- o Design and application development of Distance Monitoring (WEB PORTAL) of CHE Rueni on Hidroelectrica headquarter , Caransebes , using Real Time Information Portal - GE Fanuc
- o Design, execution and software development of thermal control, turbine and generator equipments systems of CINE power plant, Turkey
- o Coordination of electrical team on the field

#### **RESPONSIBILITIES:**

- o design of different automation systems (electric circuits, hardware configuration, network configuration - if it is necessary - , develop documentation of automation system)
- o development of PLC , panels and PC Scada software ( with GE Fanuc hardware and software)
- o coordination of electrical team
- o put in service of automation systems
- o keep in touch with customers and clients

#### **OTHERS :**

- 2006 - Trainer - Course: introducing in GE Fanuc hardware and software PLC's and HMI Panels at General Equipment Automation Timișoara ( Authorized Unique Distributor of GE Fanuc for the territory of Romania)
- 2005 - Trainer - Course: introducing in GE Fanuc hardware and software PLC's and HMI Panels at Washington E&C Romania , Bucharest
- 2003 - Trainer - Course: introducing in GE Fanuc hardware and software PLC's and HMI Panels at Hidroelectrica SA , Rm.Valcea headquarter







## Inginer SCADA - Teletrans

Timisoara | Inginerie | IT / Telecom

- Monitorizarea, întreținerea și optimizarea sistemelor SCADA utilizate pentru infrastructura energetică.
- Participare activă la implementarea și configurarea echipamentelor de comunicații industriale.
- Asigurarea suportului tehnic pentru rețele și aplicații SCADA în cadrul proiectelor regionale.

## IT System Engineer - SCADA - Termoficare Oradea SA

Oradea | IT Hardware | IT / Telecom

- design, update & troubleshoot HMI applications for the SCADA system using Ignition software
- troubleshoot SCADA network infrastructure
- network devices configurations for the SCADA system & internal IT infrastructure
- backup policies for the SCADA system
- documentations for the SCADA system & IT network
- network monitoring & troubleshooting
- software installations & PC \ Laptop configurations
- develop and maintain company's website
- technical support for internal users

### Skills

#### General skills

VirtualBox, Electronics, HTML, SQL, Computer Hardware, Networking, Active directory, Git, VMware, Windows Server

#### Skills from work experience

Microsoft Office, test engineering, Electronics, Team work, electrical measurement, Technical Terms, OrCAD, english, oscilloscope, dmm, electronic schematics, MICROSOFT OFFICE, Reading DataSheets, VPN, Active directory, VMware, Networking, Ubuntu, Windows Server, Microsoft Exchange, prtg, spiceworks, Windows 10

3.

## inginer SCADA - sef tura - Statia de epurare ape uzate menajere - Compania Regionala de Apa Bacau

Bacau | Protectia mediului | Protectia mediului

- coordonarea activității de exploatare a Stației de Epurare;
- supravegherea și îndrumarea personalului din subordine pentru urmărirea și reglarea, în mod sistematic, a procesului tehnologic de epurare mecanobiologică a apelor uzate și pluviale în condiții optime de funcționare;

- *utilizarea eficientă a resurselor atribuite (energie electrică, polimeri lichizi și solizi, clorură ferică, etc) în vederea încadrării în consumurile specifice;*
- *operarea proceselor tehnologice din cadrul Stației de Epurare a apei uzate cu ajutorul SCADA pe linia apei, a nămolului și a biogazului;*
- *monitorizarea bunei funcționări a echipamentelor SCADA prin:*
  - *vizualizarea procesului,*
  - *funcții centralizate de monitorizare (SCADA),*
  - *funcții centralizate de conducere a procesului de epurare,*
  - *alarme,*
  - *raportarea parametrilor referitori la debit nămol și umidități nămol, la debit apă, la debit soluție polimer (electronic și scriptic) și comunicații prin rețeaua informatică*
- *supravegherea funcționării utilajelor din dotarea Stației de Epurare*
- *realizarea programelor operative de lucru privind remedierea avariilor transmise la SCADA prin alarme activate*
- *responsabilitatea încadrării indicatorilor de calitate ai apelor epurate, deversate în emisar, în limitele de calitate prevăzute de normativele în vigoare, respectiv NTPA 001 / 2005 și Autorizația de Gospodărire a Apelor (și consemnate în evidența primară a Stației de Epurare).*

#### **4.** **inginer SCADA - S.C. Coral Constructii**

*Tulcea | Inginerie | Constructii*

*CORAL este o compania românească de antrepriză generală cu experienta in domeniul constructiilor, oferind servicii complete de proiectare, planificare, dezvoltare și execuție a lucrarilor de anvergura mare si medie in domeniile :*

- *Infrastructura de apa / apa uzata*
- *Imbunatatiri funciare, lucrari hidrotehnice si managementul deseurilor*
- *Lucrari civile*
- *Restaurare si consolidare monumente istorice*

*Printre responsabilitatile si activitatile desfasurate mentionez :*

*Realizarea unui sistem SCADA pentru trei stații de epurare din județul Buzău, utilizând sistemul SCADA Vijeo Citect, automate si HMI Visu+ Phoenix Contact, automate Twido Schneider Electric.*

*Participare in toate etapele proiectului si anume : proiectare, executie si supervizare atat in ceea ce priveste sistemul software cat si automatizarile necesare diverselor procese specifice.*



*Realizarea unor algoritmi proprii de control al diverselor procese specifice precum denitrificarea, oxigenarea, deshidratarea, etc.*

*Configurarea diverselor echipamente specifice însemnând convertizoare de frecvență, softstart-ere, utilaje automatizate.*

*Implementarea LAN-ului local și configurarea echipamentelor de comunicație (switch-uri).*

*Instruirea personalului stațiilor de epurare în ceea ce privește sistemul SCADA cât și a diverselor echipamente existente.*

*Participare în finalizarea lucrărilor de electrice și SCADA aferente stației de tratare apă potabilă aferentă municipiului Tulcea.*

*Finalizare lucrări specifice de integrare a echipamentelor aferente deshidratării utilizând automate Omron, parametrizare și configurare echipament de telecomunicații, echipament de control al pompelor, convertizoare de frecvență.*

*Creare de diferite rapoarte utilizând SQL și Crystal Reports pentru software-ul de ERP Scala al companiei*

5.

#### **Electrical Engineer / Designer / SCADA - S.C. EXIMPROD GRUP S.A.**

Bucharest | Engineering | Energy

##### 1. Purpose of the job:

- Performs automation / measurement works in transformer stations, supply points, transformer stations
- Performs secondary circuit works and relay protections for power plants and power stations
- Preparation of documentation at PT / DE level
- Supporting the solution at the approval level
- Participation in FAT / PIF / SAT
- AsBuild training

##### 2. The main responsibilities and tasks.

###### 2.1 SCADA / PRAM:

- Preparation of connection schemes, according to internal procedures;
- Preparation of local configuration according to the concept;
- Field implementation of the configuration;
- Relay communication parameterization;
- Testing according to test bulletins;
- FAT / PIF testing assistance;
- Carries out automation / measurement works in transformation stations, supply points, transformation stations in the installations energy;

- Execution and verification of secondary circuits;
- Performs accidental intervention works in transformer stations, supply points, transformer substations, systems distribution automation (SAD) and SCADA, in case of damages, incidents and failures that occur in the secondary switching;
- Participates in the project team set up for the elaboration of documentations;

## 2.2 DESIGN.

- elaborates electrical diagrams, detailed drawings and general drawings
- designs electrical panels and distribution boxes

## SolidWorks

### Eplan

### research and documentation

### Parameterization SIEMENS relays

### Parameterization ABB relays

### Parameterization THYTRONIC relays

### Design of secondary circuits for Transformation Stations and Connection Points

### Parameterization EFACEC relays

### MV electrical design

### Eplan PROPANEL(3D)

- 1.National Authority for Energy Regulation ♦ A.N.R.E. Grade IIA + IIB Electrician
- 2.Cisco Certified Network Associate
- 2.1 CCNA 1(finalizat)
- 2.2 CCNA2(nefinalizat)

6.

**SCADA engineer electronics engineer - SC Apa Prod SA Deva**

Deva | Administrative / Logistics | Administrative / Public Sector

Checking **SCADA** systems, electrical intervențiile, automation  
 Design and execution of programmable machines  
 Process automation **SCADA**  
 Control and programming

AutoCAD	automation	using programs	team coordination
Internal computer programs	Desing of electical installations	Intervention to eliminate events	

7.

## Offshore I&C Commissioning Engineer - Siemens-Energy

Bucharest | Engineering | Energy

- Responsible for performing all I&C commissioning activities for the assigned systems, ensuring safe and reliable operation of the equipment as specified;

- Perform all I&C commissioning activities for the assigned systems, ensuring safe and reliable operation of the equipment as specified and liaises with other involved parties such as erection, sub-contractors, engineering, employer and authorities;
- Comply with site regulations, EHS requirements, PTW and RFFE procedure. Act as Electrically Skilled Person within the context of the PTW, thus providing safe working conditions after ECC issuance;
- Participate in the system walkdown and handover process with erection team. Take over the respective system by signing the Erection Clearance Certificate and contribute to the LOP list;
- Put in place I&C instructions for abnormal operational situations which are not covered in the O&M manual;
- Prepare commissioning site documentation TQSC and the required Red Line documentation on time;
- Conduct and document the On-The-Job Training to the Customer.

### **Engineering PLC Scada pcs7 commissioning**

#### **SCADA Commissioning Engineer - Siemens-Energy**

Bucharest | Engineering | Energy

- Responsibility for the networks and individual components of the SCADA level in the context of control technology for high-voltage direct current transmission projects (HVDC)
- Commissioning of the mostly TCP-based network infrastructure
- Support and control of the HMI concept and its purpose-specific adaptation
- Interface to all other signal suppliers involved through responsibility for time synchronization and the local and remote signal converters
- Planning and implementation of training courses regarding network / HMI / signal converters for our internal employees and external customers
- Support of the other commissioning components and after-sales in troubleshooting and checking the communication interfaces as well as in looking after the various systems among one another

### **PLC Scada commissioning**

#### **Project Engineer - Honeywell**

Bucharest | Engineering | Oil / Gas

- Develop & program control systems & software solutions;
- Provide project execution development of control systems;
- Define hardware requirements, execute validation protocols & plans;

Firewall Servers Scada cyber security

#### **SCADA Engineer - Yokogawa**

Bucharest | IT Software | Oil / Gas

- Analyse the business nature, and production processes followed by clients;

- Perform and create detailed design specifications;
- Developed the HMI graphics using P&ID's;
- Responsible for carrying out SCADA design, programming and configuration tasks on the basis of Conceptual Design information while applying company standards;
- Executing procedures for testing the software and carried out internal tests and Factory Acceptance Test (FAT);
- Site work, up to and including the Site Acceptance Test (SAT);
- Testing developed software against specified requirements. Tracking all issues was made using UTrack;
- Visit clients' production plants and provide technical solutions;
- Implementation of modifications and as-built processing;
- Supervise the construction of instrumentation and control systems;
- Created and carried out operator trainings on the Yokogawa software solutions;
- Installed and configured Plant Resource Manager in order to map all the plant;
- Compilation of customer and internal documentation.

stardom PLC Scada dcs pid fasttools IT Hardware

### **Engineer Field Re-Development Project - OMV-Petrom**

Moinesti | Oil / Gas | Oil / Gas

Completely integrated facility automation and control systems that provides operations management from the local control room to the dispatching center.

Operating the whole process of Field Re-Development Project Tazlau at Engineering level:

- Water treatment
- Chemicals consumption
- Water injection according to the plan
- PCS & SIS
- Electrical & Instrumentation

**pcs piping process optimization mechanical skills operator experience field development**

**Safety Integrity Systems Instrument&Controls**

### **Production Engineer - OMV-Petrom**

Moinesti | Oil / Gas | Oil / Gas

- Assisting and closely monitoring well operations. Tight collaboration with team leaders and floormen to ensure safe and efficient work;
- Participating in safety meetings before each operation to ensure safe and efficient operations;
- Maintaining a good knowledge of safe operating procedures according to PETROM procedures and HSE regulations;

- Executing procedures and carried out Factory Acceptance Test (FAT);
- Site work, up to and including the Site Acceptance Test (SAT);
- Experience with: drill pipe, drill collars, tubing, slips, tubing spider, crossover subs(thread connection types-Reg, IF, EUE), safety valve, rotary table, triplex pump, accumulator unit, top drive, BOPs(ram type - mechanical and hydraulic), fishing tools(overshot, spear and socket, dump bailer, impression blocks, junk basket, mills etc.) and fishing operations, acidizing and fracking, perforating, coiled tubing, mud motors.

Microsoft Office PLC fat process optimization scada systems pumps pipelines industrial automation  
Rod pump controller

### **Certifications**

BOSIET-OPITO, OPM L2 Certified, EPKS L3 Certified, TPS L2 Certified

8.

### **Inginer SCADA - Compania Municipala Termoenergetica Bucuresti**

Bucuresti | Inginerie | Energetica

- Manevre echipamente puncte termice de la distanta.
- Citire+interpretare valori.
- Identificarea si analizarea anomaliilor din retea.
- Receptii revizie puncte termice (instalatii electrice, pompe electrice, instalatii de automatizare).
- Analiza consum energie electrica.
- Referate achiztii materiale electrice.

9.

### **Inginer automatizari - Pet communication**

Constanta | Inginerie | Prestari servicii

Inginer SCADA. Modificare si diagnosticare soft PLC (Siemens), configurare de la zero soft HMI.

Interventii si diagnosticare probleme de natura electrica (automatizari). Lucru în WinCC 7.5/ 8, nivel mediu.

10.

### **SCADA Operator - Regional Water and Wastewater Company**

Bacau | Engineering | Services

Supervision and operation of the Drinking Water Treatment Plant in Bacau. (SCADA system, Data Acquisition, electrical equipment, PLC's, MODBUS networks, process data)

11.

### **Şef de Staţii Scada - Distribuţie Energie Oltenia**

Ramnicu Valcea | Inginerie | Energetica

Execută manevrele programate, sau accidentale, în stația respectivă.

### **Inginer PRAM - Distributie Energie Oltenia**

Ramnicu Valcea | Specialisti / Tehnicieni | Energetica

### **Inginer Electronist - S.C. PROSPECTIUNI S.A.**

Bucuresti | Inginerie | Petrol / Gaze

Responsabilitatile principale:

- realizarea activitatii de mentenanta a echipamentelor; montaj, punere in functiune, reparare si intretinere echipamentelor de comunicare radio;
- asigurarea mentenantei echipamentelor electrice si electronice folosite in teren la inregistrarea, cercetarea datelor seismice;
- interventii in teren pentru programarea echipamentelor, montare antene gps, emitatoare radio mobile si portabile;
- interventii in teren la echipele din Germania, Albania, Macedonia si Bulgaria, pentru montarea echipamentelor de comunicare radio.

Contract de colaborare:

- Inginer electronist la PRO Geofizyka Krakovia in perioada 01.04.2018-15.06.2018;
- Inginer elctronist la DMT Germania in perioda 20.01.2017-15.02.2017;
- Inginer Masuratori de Electrometrie la Geotec Consulting in Macedonia in perioda 03.08.2016-24.08.2016;
- Inginer elctronist la Prospectiuni in Albania in perioda 04.07.2015-11.09.2015;
- Inginer elctronist la Prospectiuni in Bulgaria in perioda 05.11.2015-26.11.2015;
- Inginer electronist la Ageximco, interventii in teren pentru programarea echipamentelor, montare antene gps, emitatoare radio mobile si portabile;

12.

### **SCADA Operator - Regional Water and Wastewater Company**

Bacau | Engineering | Services

Supervision and operation of the Drinking Water Treatment Plant in Bacau. (SCADA system, Data Acquisition, electrical equipment, PLC's, MODBUS networks, process data)

13.

### **Intership SCADA - EnergoBit SA**

Cluj-Napoca | Inginerie | Energetica

14.

**SCADA Engineer - Siemens S.R.L.**

Bucuresti | IT Software | IT / Telecom

I got acquainted with specific technologies such as SICAM Device used as a means to supervise and control equipment located in electrical stations  
Parametrization of Network Switches and RTU's (Remote Terminal Units)

15.

**Inginer de sistem software SCADA & DMS - Energobit**

Cluj-Napoca | IT Software | Energetica

Integrare, parametrizare, punere in functie, monitorizare si mentenanta a sistemului SCADA in posturi (20/0,4 kV) si statii (110/20/6 kV) de transformare a energiei electrice.

Modelarea retelei de medie si joasa tensiune in DMS a principalelor sucursale SDEE Transilvania Nord (Cluj, Bistrita, Baia Mare, Satu Mare, Zalau)

16.

**SCADA Process Supervisor - SC RAJA SA Constanta**

Constanta | Specialists / Technicians | Services

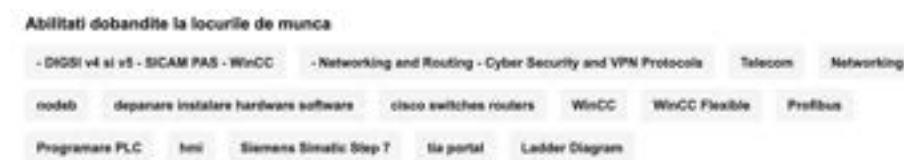
Management of the internal SCADA system's computer network;  
Supervising and control of the water supply and distribution systems;  
On site interventions on telecommunications and remote control equipment;  
Analysis of problems encountered during different processes and providing solutions to improve the system.  
Active participation in the ongoing expansion of the company's SCADA system.  
Orange account manager for the company's mobile communication system (voice, data, m2m).

17.

**Specialist Engineer - SIEMENS SRL, Bucuresti**

Targu-Mures | Inginerie | Energetica

- Responsabil de Proiectarea, Executarea, Testarea și Punerea în Funcțiune a echipamentelor de Control și Monitorizare SCADA , inclusiv a rețelei de comunicații și a echipamentelor anexe din sistemul informatic.
- Responsabil de executarea lucrărilor de Engineering și Managmentul proiectelor in diferitele faze ale acestora in contact direct cu clientul final (Pre-FAT, FAT, SAT).
- Optimizarea sistemului SCADA in vederea imbunătățirii stabilității sistemului, a experienței utilizatorului și a creșterii performanței sistemului informatic.
- Responsabil de întocmirea de rapoarte de activitate, instrucțiuni și documentații de operare și utilizare, proceduri operaționale, fișe tehnologice pentru echipamente.
- Intocmirea rapoartelor de non-conformitate apărute pe parcursul etapelor desfășurate pe proiect si găsirea unor soluții optime si rapide pentru buna funcționare a sistemului până la remedierea problemelor ivite inopinant in tot procesul.
- Familiarizat in aceasta perioadă cu echipamentele/softwarele industriale Ruggedcom, SIPROTEC 5, SICAM A8000 RTU, Meinberg / Sicam Device Manager, OPM ToolBox II și SCC+WinCC.



18.

### **SCADA & Automation Project Manager - Adrem Engineering**

Bucuresti | Automatizari | Energetica

Coordonare si supraveghere pe proiecte destinate transportului de gaz natural la nivel national, in domeniul automatizarilor industriale si SCADA.

Mentinerea unei comunicari eficiente cu departamentele interne (juridic, HR, achizitii, logistica, dept tehnic, ofertare, QA/QC, SSM etc) si colaborarea stransa cu partenerii externi (sefi de santier, antreprenor general, subcontractori si furnizori).

Planificarea si supravegherea echipelor implicate, de cele mai multe ori multidisciplinare, formate din ingineri, manageri de lucrari, controlori de documente. Evaluarea necesarului de resurse materiale, financiare si umane pentru derularea contractului/proiectului.

Generarea, urmarirea si actualizarea Graficului de executie GANTT (Microsoft Project), planificarea



testelor de fabrica, SAT si PIF in conditiile contractuale.

Participarea la intalniri periodice cu echipa de management pentru a raporta progresul proiectului, provocarile intalnite, solutiile propuse, actualizari ale bugetului de venituri si cheltuieli.

Gestionarea contractelor si devizelor cu antreprenorul general si alti contractori si furnizori de bunuri si servicii necesare proiectului.

Intocmirea situatiilor de lucru, rapoartelor de activitate, proceselor verbale de receptie, adreselor si notificarilor in relatia cu clientii, furnizorii si subcontractantii, propune formatele de contract in vederea achizitiei de echipamente si servicii

Asigurarea conformitatii cu reglementarile si standardele in vigoare.

Monitorizarea bugetelor alocate si asigurarea faptului ca obiectivele financiare sunt indeplinite.

Evaluarea si gestionarea riscurilor, problemelor si schimbarilor care apar in proiect, asigurand ca masurile corective sunt implementate dupa cum este necesar.

Monitorizarea continua a calitatii lucrarilor si implementarea masurilor pentru a se asigura ca proiectele sunt livrate la cele mai inalte standarde de calitate.

Participarea la sedintele de inginerie de pe intreg parcursul proiectului, atat in faza de proiectare cat si in cele de achizitii, testare, executie si punere in functiune. Vizite in site pentru urmarirea progresului lucrarilor.

**AutoCAD Eplan Programare PLC Ladder Diagram cunostinte retelistica studio 5000 instalatii hidraulice FBD language**

19.

#### **Inginer automatist si SCADA - Compania de Apa Olt**

Slatina | Inginerie | Protectia mediului

Supraveghere si continua imbunatatire a procesului de epurare a apelor uzate orasenesti.

Lucrari de mentenanta accidentala si preventiva la echipamente ale firmei separatoare si ingrosatoare mecanice Hubber, separatoare Gea Westfalia, AWT, suflante Aerzen, senzori de PH, turbiditate, amoniu, nitrat si oxigen dizolvat Endress & Hauser, pompe ABS, Netzch si Wilo echipamente Di Tech...

Intretinerea si imbunatirea solutiei de automatizare/SCADA construite in jurul S7 300 + WinCC Flexible, in functie de cerinte impuse de evolutia procesului.

P&ID.

20.

#### **Inginer SCADA - SC ENERGOBIT SRL**

Cluj-Napoca | Inginerie | Energetica

Configurare si paramentrizare sisteme SCADA in industria energetica.

21.

### **DCS Project Engineer - Honeywell**

Bucharest | Automation | Oil / Gas

Ensure all required design inputs, tools, documentation, and deliverables are in place prior to execution, aligning with project timelines, budgets, and quality standards.

Execute engineering and commissioning tasks with precision, following strict industry and project-specific quality guidelines under technical supervision.

Deliver end-to-end DCS implementation (Honeywell C300, ControlEdge PLCs, HPM), including system configuration, logic development, and hardware integration.

Design and implement Safety Instrumented Systems (SIS) such as ESD, BMS, F&G systems using Honeywell Safety Manager and Fail-Safe Controllers.

Develop and migrate HMI systems, including dynamic/static display elements, faceplates, and complete screen conversions between legacy and updated releases.

Create and review hardware documentation, including system cabinet drawings, I/O allocation, loop diagrams, power and heat dissipation calculations, and network/system architecture.

Provide technical recommendations to enhance engineering efficiency and quality, proactively identifying process improvements within the team.

Actively collaborate with interdisciplinary teams and share specialized knowledge across departments to ensure integrated, high-quality system delivery.

### **Servers Scada fte**

### **SCADA & Network Commissioning Engineer – HVDC Projects - Siemens Energy**

ABROAD | Automation | Energy

Responsible for the end-to-end commissioning and operational readiness of SCADA-level communication networks and components in high-voltage direct current (HVDC) transmission projects. Oversee installation, configuration, and functional validation of communication cubicles, ensuring successful system power-up and correct operational mode in accordance with project specifications.

Execute and document test protocols for IT security, server infrastructure, time synchronization, system communication gateways, and overall network communication (TCP/IP-based).

Rapidly identify and resolve complex faults in communication infrastructure, including switches, routers, firewalls, and server systems, minimizing system downtime and ensuring stable performance. Install, configure, and commission various site-based communication devices, contributing to robust and secure data flow across the SCADA network.

Support and adapt HMI concepts to project-specific requirements, ensuring optimal system visualization and operator interaction.

Manage time synchronization and signal conversion across local and remote systems, acting as the key interface between SCADA systems and all external signal suppliers.

Develop and deliver technical training programs on network infrastructure, HMI systems, and signal converter operations for both internal teams and customer personnel.

Collaborate with multidisciplinary teams—including commissioning, operations, and after-sales—to support troubleshooting, optimize cross-system communication, and ensure long-term system reliability.

**22.**

### **Inginer SCADA - Eximprod Engineering**

Bucuresti | Inginerie | Energetica

- ❖ Implicare in proiecte de OMS pentru diversi clienti ai companiei prin: sedinte cu clientul pentru stabilirea functionalitatilor de care au nevoie, sedinte de workshop pentru validarea acestora, sesiuni de FAT, testari algoritmi de calcul ai indicatorilor QoS si al rapoartelor in conformitate cu Ordinul 46/2021, data cleansing si importuri masive de baze de date de clienti si ADMS, validari interfete non-SCADA.
- ❖ Responsabil platforma ADMS pentru unul dintre clienti, realizez troubleshooting pentru problemele aparute la nivel de servere/sistem.
- ❖ Integrari in dispecerat si testare in vederea PIF a instalatiilor (statii, posturi de transformare si echipamente de comutatie).

**23.**

### **Inginer Specialist SCADA - DELGAZ GRID**

Iasi | Inginerie | Energetica

AutoCAD AutoCAD 2d Eplan siemens step7 Scada Siemens Simatic Step 7 siemens tia portal convertizoare frecventa

Instruiri diverse relee digitale și sisteme SCADA

perioada Oct 2007 - Iun 2024

Cunoștințe profunde de PRAM, SCADA, Proiectare, Sistem Energetic, Energie

Trainings: CNE Cernavoda - UA007, ANRE Authorization Grade II A, II B, Core Green Belt Training - Honeywell International Services, CISCO CCNA - Routing and Switching, PACiS Datalist Training, IEC 61850 Training, Databases configuration Using AREVA T&D/Schneider Electric/Alstom - PACiS Software.

**24.**

### **Scada Developer - ROMBAT (RO)**

Bistrita | Inginerie | Masini / Auto

Created a data logging system for specific production lines from production using KEPServerEX OPC server

\* Created Siemens S7-1200 programs to use DMC/QR/Barcode readers

\* Implemented a checking station for the manufactured batteries, S7-1200 program for data acquisition

and decision making

- \* Designed a user interface (using node-red) for data and status display for each station that is being monitored

- \* Created the database to store information, using Xampp

Abilitati generale: Assembly design imds SolidWorks SPC Visual FoxPro dfmea PPAP

**25.**

**Operator SCADA - Compania de Apa Oltenia S.A.**

Craiova | Inginerie | Administratie / Sector Public

Centrul Operational de Eficientizare a Calitatii Apei - Statia de Epurare Ape Uzate - Craiova

Pozitia ocupata in cadrul acestei statii a fost de coordonare si operare al sistemului de operare

"SCADA" acesta este oarecum "volanul" acestei statii de epurare.

Scopul general al postului a fost acela de a exploata si intretine echipamentele electrice, mecanice si hidraulice ce deservesc sectiunile de tratare pe linia apei uzate, linia namomului si biogazului.

**26.**

**Automatist sistem SCADA - SC Compania de Apa Aries SA**

Turda | IT Hardware | Productie

Programarea, supervizarea si dezvoltarea modulelor Siemens in Step 7, Simocode ES, WINCC

Asigurarea functionarii modulelor de comanda, control si masurare a sistemului de pompare din cadrul Surselor de apa.

Dezvoltarea interfetei om-masina in functie de cerintele clientului

**27.**

**Cybersecurity/SCADA Specialist - Delgaz Grid**

Iasi | IT Hardware | Energetica

In momentul de fata lucrez in firma Delgaz Grid, din grupul E-ON.

Sarcina mea este să administrez și să întrețin echipamente și sisteme de securitate IT: Cisco ASA, Firepower, Checkpoint.

-Administrarea rețelelor de comunicații de date: Cisco IOS, protocoale EIGRP, BGP.

-Administrare sisteme IT - cunostinte OS Windows, LINUX, UNIX/Solaris.

-Sunt responsabil pentru aplicarea măsurilor de corectare a vulnerabilităților (Vulnerability Management) și măsurile locale necesare pentru identificarea și remedierea incidentelor de securitate (Incident Detection, Incident Report) ale sistemelor și echipamentelor SCADA/SAD.

**Inginer Automatist - Bifa Automatizari**

Iasi | Automatizari | Productie

- Realizare sisteme SCADA, utilizand: Simatic WinCC (Siemens), Vijeo Citect (Schneider), InfoU (LSIS), Reliance.
- Dezvoltare, testare si modificare scripturi interne ale aplicatiilor (C, C++, VBS)
- Realizare manuale de operare ale aplicatiilor SCADA
- Realizare tablouri electrice de automatizare, de distributie energie electrica
- Implementare sisteme Smart House cu KNX

**Microsoft Office WinCC Eplan WinCC Flexible Profibus hmi Siemens Simatic Step 7 tia portal Ladder Diagram eplan electric p8**

**28.**

### **SYSTEM SOFTWARE ENGINEER SCADA - ENERGObIT**

Cluj-Napoca | Inginerie | Energetica

- Proiectarea, implementarea si intretinerea sistemelor de supervisory control and data acquisition pentru clienti din diverse industrii.
- Dezvoltare si configurare de interfete HMI pentru a facilita monitorizarea si controlul proceselor industriale.
- Colaborare stransa cu echipele de inginerie si de automatizare pentru a integra sistemele SCADA cu echipamentele si dispozitivele din cadrul proceselor industriale.
- Diagnosticare si rezolvare eficienta a problemelor legate de sistemul SCADA, asigurand functionalitatea continua a proceselor.
- Participare activa la fazele de testare si punere in functiune a sistemelor SCADA in cadrul proiectelor.
- Implementare si optimizare de strategii de securitate pentru protejarea datelor si a sistemului SCADA impotriva amenintarilor cibernetice.
- Instruirea personalului si clientilor in utilizarea sistemelor SCADA, asigurandu-se ca acestia sunt familiarizati cu functionalitatile si capacitatile acestora.
- Actualizare constanta a cunostintelor in domeniul SCADA, urmarind evolutiile tehnologice si aplicand cele mai recente inovatii in proiectele curente.

**29.**

### **Inginer SCADA - Eximprod**

Bucuresti | Inginerie | Energetica

Configurare sistem SCADA, comunicare UP și DOWN, configurare pe UC 500 (platforma EFACEC). Familiarizat cu software-ul Automation Studio Rev 7 sau Dashbord ES200 pentru a integra stații de transformare sau posturi de transformare în SCADA.

Testare recloser pe liniile electrice.

Testarea și integrarea releelor posturilor de transformare.

Integrare și configurare pentru dispecerare folosind platforma ScateX

Configurarea rețelelor de comunicații pentru sisteme SCADA, folosind următoarele protocoale de comunicație: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus.

Participarea la numeroase lucrări la fața locului.

Responsabil de configurarea HMI-ului local.

### 30

#### **Head of GIS&SCADA Office - Compania de Apă Olt**

Slatina | Automatizari | Prestari servicii

- Commissioning of various equipment in the field of waste water;
- Modification, implementation or improvement of programs; (Siemens Step7, TIA Portal, Delta PLC)
- VFD commissioning and parameterization; (Vacon, Danfoss, Mitsubishi)
- Realization of maintenance plans;
- Design of electrical and control panels;

AutoCAD ArcGIS QGIS ArcMap convertizoare de frecventa simatic step7 plc programming cunostinte plc  
siemens tia portal vfd

Calificari: Specialist GIS

### 31.

#### **Scada Engineer - SAIP Automation**

Targu-Mures | Automotive / Equipment | Energy

- Configuring and commissioning of SCADA systems in new and existing facilities (compression stations, metering stations, electrical stations and Power Plants);
- Provide technical support in design, hardware/software configuration, programming and testing of new and existing field SCADA Systems and Human Machine Interface (HMI) Applications;
- Thorough understanding of network topologies, SCADA network protocols, and database development;
- Proven ability to quickly understand a wide variety of automation functions and related engineering and technology issues;
- Review sub-contractor's drawings for SCADA, Traffic Management and Communication Systems including functional and software specifications, Systems specifications, I/O lists, wiring diagrams and hardware architecture drawings;
- Protocols used: IEC 61850, IEC 60870-5-101, IEC 60870-5-103, IEC 60870-5-104;
- Software configuration for SCADA systems (WinCC, SICAM230,ToolboxII,OPM) according to technical project requests and specifications;
- HMI configuration and installation (servers, clients, gateways remote links etc);

- Configuration and tests of the ethernet networks and switches, including SNMP/OPC;
- Servers and HMIs redundancy, authority control;
- Technical support for sales;
- Test platform and field simulator- design and construction;
- Commissioning, FAT, SAT for substations

#### Achievements:

March 2017-December 2017 - Modernization of Suceava Electric Station - TransElectrica

Engineering and commissioning, according to Siemens Energy Automation Romania, procedures and standards of power network technology, control, telecontrol and telecommunication automation systems for power stations;

- Integration of the SCADA and IED system (BCU, RTU and protection relays) according to IEC61850
- Parameterization and commissioning of Siemens Toolbox II
- Parameterization and commissioning of Siemens Sicam 230 HMI.
- Set up Ethernet industrial switches, peripherals, and station GPS
- Document Work (Preparation of SAT Reports, Signal List, Progress Reports)
- Support the site manager and project manager for technical clarifications, complaints, and risk detection.
- Programming the project steps according to the execution time.

December 2017 - January 2018 - Teraplast Bistrita

Engineering and commissioning, according to Siemens Energy Automation Romania, procedures and standards of power network technology, control, telecontrol and telecommunication automation systems for power stations;

- Integration of the SCADA and IED system (BCU, RTU and protection relays) according to IEC61850
- Parameterization and commissioning of Siemens Toolbox II
- Document Work (Report Preparation, Signal List, Progress Reports)
- Programming the project steps according to the execution time.
- Responsibility for improving parameterization and execution processes

January 2018 - March 2018 -Maaden Phosphate Company- Ras Al Khair- Saudi Arabia - RT2 Project

Engineering and commissioning, according to Siemens Energy Automation Spain, procedures and standards of power network technology, control, telecontrol and telecommunication automation systems for power stations;

- Integration of the SCADA and IED system (BCU, RTU and protection relays) according to IEC61850
- Parameterization and commissioning of Siemens Toolbox II
- Parameterization and commissioning of Siemens WinCC HMI

- Configuring Ethernet industrial switches, peripherals, and substations GPS
- Document Work (Preparation of SAT Reports, Signal List, Progress Reports)
- Support the site manager and project manager for technical clarifications, complaints, and risk detection.
- Programming the project steps according to the execution time.
- Responsibility for improving parameterization and execution processes

**32.**

### **Inginer Automatizari cu aplicare în Scada - Adrem Engineering**

**Brasov | Inginerie | Energetica**

In cadrul locului de munca de la Adrem am realizat automatizari Scada in domeniul Energiei Electrice, invatand o multime de lucruri noi si interesante legate de automatizari, energetica si parte de retelistica.

**33.**

### **Inginer SCADA - Distributie Energie Oltenia**

**Pitesti | Achizitii | Administratie / Sector Public**

Domeniul meu de expertiză este construirea și implementarea sistemelor SCADA special potrivite pentru producerea, transportul și distribuția energiei electrice. Munca mea este esențială pentru a asigura asursă de energie fiabilă și rezistentă pentru comunități și întreprinderi, cu accent pe detectarea problemelor și analiza datelor în timp real.

#### **Abilitati generale**

**ELVAC ABB RTU560 PLC General Electric simens plc step 7 Cisco**

**34.**

### **INGINER SCADA LA AEROPORTUL INTERNATIONAL CLUJ NAPOCA - UTI**

SCADA Supervisor – supraveghere, monitorizare și control al sistemului de transport bagaje “Baggage Handling System”.

SCADA Supervisor – supraveghere, monitorizare și control al sistemului de scanare a bagajelor de cală “Hold Baggage Screening”.

Mentenanța sistemului de transport al bagajelor de cală – furnizat de compania Vanderlande Industries

Mentenanța sistemului de scanare al bagajelor de cală – furnizat de compania Smith Heimann.

Monitorizează permanent sistemul integrat asigurând funcționarea acestuia în condițiile și la parametri sistemului.



Pun la dispoziție orice modificări legislative privind utilizarea echipamentelor de control de securitate.  
Sesizez/informez în mod operativ, despre orice neconformitate sau funcționare anormală apărută în sistem.

Sesizez/informez în mod operativ, asupra disfuncționalităților apărute la sistemele de benzi bagaje.  
Am obligația de a răspunde și interveni în cel mai scurt timp pentru rezolvarea eventualelor disfuncționalități la echipamentele de control de securitate.

Aduc la cunoștință orice problema legată de disfuncționalitatea echipamentelor, precum și cauzele care au determinat-o.

Prezint rapoarte lunare cu defecțiunile apărute, piesele înlocuite și timpul de nefuncționare pentru fiecare echipament în parte.

Asigur respectarea normelor C.N.C.A.N privind punerea în funcțiune și exploatarea echipamentelor.  
Asigur administrarea, operarea, întreținerea, reparația, managementul și menținerea funcționării sistemului integrat.

Execut lucrările de mentenanță în conformitate cu specificațiile producătorului.

Țin evidența defecțiunilor apărute și a pieselor înlocuite.

Respect toate procedurile și măsurile de securitate stabilite de reglementările în vigoare.

Asigur funcționarea permanentă a echipamentelor la parametri nominali.

Efectuez toate operațiile necesare menținerii echipamentelor la parametrii de funcționare și detecție certificați de producător.

Asigur menținerea echipamentelor la parametri de funcționare și detecție certificați de producător în conformitate cu legislația în vigoare.

Asigur înlăturarea situațiilor de neconformitate privind funcționarea echipamentelor

Sesizez în mod operativ neconformitățile sau funcționarea anormală apărută în sistem și o remediez.

Exploatez conveyoarele care transportă bagajele.

Exploatez aparatele cu Raze X care verifică bagajele din punct de vedere al securității.

Asigur reviziile sistemului și a subsistemelor din care este alcătuit.

Asigur reviziile echipamentelor cu Raze X pentru controlul de securitate.

Asigur mentenanța și reviziile echipamentelor electrice și electronice care asigură controlul, monitorizarea și achiziția datelor a sistemului de transport al bagajelor, echipamente furnizate de Siemens.

Efectuez testele sistemului de transport al bagajelor de cală pentru asigurarea funcționării la parametri nominali a modul de comandă și control în conformitate cu specificațiile producătorului și a legislației în vigoare.

Efectuez testele echipamentelor de control de securitate cu Raze X pentru asigurarea funcționării acestora la parametri nominali de detecție furnizați de producător și a legislației în vigoare.

Asigur verificările zilnice asupra sistemului integrat de transport și de control al securității pentru

bagaje.

Asigur reviziile lunare, trimestriale, bianuale și anuale a tuturor echipamentelor care fac parte din sistemul integrat al controlului de securitate pentru bagajele procesate pe Baggage Handling System & Hold Baggage Screening.

**AutoCAD Servere SolidWorks Dialux Eplan Automate programabile proiectare instalatii electrice instalatii electrice automatizari Mecanica**

35.

**Scada Engineer - EXIMPROD**

**Bucuresti | Inginerie | Energetica**

responsible for SCADA system configuration using Automation Studio (Efacec), creating HMI interfaces for Electrical Substation, SCADA commissioning and site acceptance test. I worked with communication protocol like: IEC 61850, IEC 60870-5-101, IEC 60870-5-103 ,IEC 60870-5-104, ModBus, DNP3. I was learning about Protection Relays settings, testing and commissioning

36.

**SCADA Engineer - YOKOGAWA EUROPE**

**Bucharest | Engineering | Oil / Gas**

Developing Functional and technical design of SCADA systems  
Responsible for Software configurations design  
Implementation of modifications and as-built processing.  
Compilation of customer and internal documentation;  
Design and implementation of functions and interfaces to Yokogawa and third-party systems.  
Responsible for design, implementation, realization, optimization en refurbishment of supervisory control and information systems.  
Internal tests, Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT).  
Is responsible for the correct- technical design, implementation and testing for the part of the scope as assigned to within the timeframes as agreed.  
Provides the technical representative with information regarding the scope as assigned to.  
Supports the technical representative in discussions with the client as and when required.

**stardom**

37.

**Automation Engineer - SC. Cems EPC S.A.**

Implement SCADA solutions for new and existing substations with various BUS protocols, collected to the communication room, such as motor relays, metering relays, power analyzers, fault functions;  
configuration of energy consume reports and analyses  
Knowledge of specifying parameters for current and potential transformers

Perform Quality Assurance (QA) design reviews for all SCADA, Protection and Control documents

Ability to apply and design protection schemes for various substation components such as transformers, transmission lines, capacitor banks, and busses

Familiarity with communication and SCADA protocols along with AC and DC schematics

Ability to use various types of microprocessor relays such as Siemens, Schneider, ABB or Eaton

Apply engineering application software to complete engineering tasks such as relay coordination, load flow and short circuit studies

Familiar with general protection and controls guidelines including standard practices

Communicate and coordinate project activities with project engineer, customer representatives, and others as needed

Provide excellent client/customer service

Work as a team member and provide support for newly installed equipment. This will include some field assistance and training.

Provide distribution automation controller logic programming, testing, optimization, and maintenance to provide functionality desired by project team members.

Coordinate point assignments (create/update RPA's), commissioning, testing, and maintenance of automation and SCADA systems with SCADA engineers and vendors.

Work with vendors and engage in training to be current on the most effective use of technologies.

38.

#### **Electrical engineer - SC MIKON SYSTEMS SRL**

Bucharest | Engineering | Services

Water treatment plant Urziceni - Commissioning of electrical equipment, instrumentation, SCADA .

Waste Water Treatment Plant Fetesti - Electric design

Waste Treatment Plant Suceava - Electric design, Connection of motors, instrumentation, PLC and SCADA System;

Waste Water Treatment Plant Galati - HMI control system.

KNX Certification, ANRE Authorization II A, B

39.

#### **Scada Engineer/Protection Engineer - Allianso electricity distribution power station situated**

Bucuresti | Inginerie | Prestari servicii

SCADA and Protection Relays commissioning and site acceptance test

Configuration/Parametrisation command relays/monitoring

Ensure client interface

Parameterization of control equipment - control and protections with DIGSI 5

Siemens,

Responsible for the commissioning part of the Alianso electricity distribution power station situated in Aricesti , Rahitvani

### **Automation Engineer - JTI**

Bucuresti | Inginerie | Comert / Retail

JTI (Japan Tobacco International)

Bucharest, Romania

PLC Programming - Simatic S7 -300

**automation engineer**

40.

### **Scada Engineer - Adrem Engineering**

Bucuresti | Inginerie | Energetica

(1 an 2 luni)

SCADA oriented projects for EDTS ( Electrica Distributie Transilvania company using RTU from IDS and RTU AI 200 developed by Adrem)

Engineering .

My main activity was the integration of transformation substations in the IDS SCADA systems .

Monsson

41.

### **Sef Serviciu SCADA - SC APA CANAL 2000 SA**

#### **INGINER AUTOMATIZARI - LOUS BERGER**

Buzau | Audit / Consultanta | -

Expert Electric si Automatizari in Proiectul: CCI 2009RO161PR017 - "Extinderea si reabilitarea infrastructurii de apa si apa uzata in judetul Buzau" in cadrul contractului de "Asistenta Tehnica pentru Managementul proiectului – Reabilitarea si dezvoltarea sistemelor de alimentare cu apa potabila si canalizare din regiunea Buzau", in cadrul unui contract de servicii aferente monitorizarii lucrarilor de executie tip FIDIC si echivalent.

Implementare sistem SCADA cu principalele activitati:

- Elaborare de scheme functionale pentru managementul informatiilor corelate prin sistemul SCADA;
- Stabilirea configuratiei din punct de vedere hardware si software a sistemului SCADA cu definirea tipurilor si cantitatilor de echipamente necesare, conform cu tehnologiile si echipamentele, astfel incat sa fie compatibile cu celelalte sisteme existente sau in curs de implementare;
- Corelare cu sistemele SCADA dezvoltate pe aplicatii in derulare sau ce urmeaza a fi in derulare prin proiectele de reabilitare si extindere sisteme de apa si canalizare;
- Realizarea de minicentre operationale cu transmiterea datelor catre Dispeceratul Central;
- Achizitionarea de echipamente necesare pentru dotare minicentrelor operationale zonale;
- Punerea in functiune a echipamentelor si instruirea echipei.

#### **INGINER AUTOMATIZARI SCADA - S.C. APA CANAL PITESTI**

Pitesti | Inginerie | Administratie / Sector Public

- Elaborare de scheme functionale pentru managementul informatiilor corelate prin sistemul SCADA;

- Stabilirea configuratiei din punct de vedere hardware si software a sistemului SCADA cu definirea tipurilor si cantitatilor de echipamente necesare, conform cu tehnologiile si echipamentele, astfel incat sa fie compatibile cu celelalte sisteme existente sau in curs de implementare;
- Corelare cu sistemele SCADA dezvoltate pe aplicatii in derulare sau ce urmeaza a fi in derulare prin proiectele de reabilitare si extindere sisteme de apa si canalizare;
- Implementarea si realizarea de minicentre operationale cu transmiterea datelor catre Dispeceratul Central;
- Achizitionarea de echipamente necesare pentru dotare minicentrelor operationale zonale;
- Punerea in functiune a echipamentelor si instruirea echipei.

*cursuri FIDIC*

*ELECTRICIAN AUTORIZAT RENEL CLASA II*

*CURSURI DE MANAGEMENT ASE BUCURESTI*

*CURSURI SIEMENS ST-SERV 1, SIMATIC S7- TIA*

42.

**SCADA operator at thermal control room - ENVISAN NV BELGIUM member of JAN DE NUL GROUP, Pitesti**

Pitesti | Engineering | Environmental Protection

Responsibilities :

Control and regulation of waste incineration plant using SCADA system

Verification of process parameters and possible technical problems

Training of boiler operators for daily maintenance and monitoring process

Repair, installation and commissioning of electrical equipment and measurement and control devices during the revision of the installation (burners, control valves, transmitters for flow, pressure, temperature

43.

**SCADA Engineer - SIEMENS**

Bucharest | Engineering | Energy

Development and implementation SCADA systems for high voltage stations:

Responsibility:

- Configuration and PIF SCADA SIEMENS systems;
- Configuration telecontrol equipment RTU, SICAM AK family, SICAM A8000family: SICAM TOOLBOX II software and SICAM DEVICE MANAGER software;
- Configuration SCADA applications: SIMATIC WinCC + SCC software;
- Configuration SCADA applications: SICAM PAS software;
- Configuration IEC communication protocols: IEC 60870-5-101, IEC60870-5-104, IEC 61850, Modbus protocol;
- Configuration of servers and workstations;
- Communication and networking (RSTP, PRP, HSR) using RUGGEDCOM equipments;
- Configuration RUGGEDCOM switches;
- Internal tests, Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT);
- Documentation;

Projects FAT and SAT:

- GIS 400, 220, 110 kV mobile station (Transelectrica SA Company);
- Raureni station 220/110 kV (Transelectrica SA Company);
- Arefu station 400/220/110/20 kV (Transelectrica SA Company);
- Stations 110/6 kV on the platform of Petromidia Navodari Refinery;
- CHE Tismana station 110/10 kV (Hidroelectrica SA Company);
- Pelicanu station 400/110 kV (Transelectrica SA Company);

I took part in the following projects (Transelectrica SA Company): Bacau Sud station, Roman Nord station, Dumbrava

### **System SCADA Engineer - Yokogawa**

Bucharest | Engineering | Energy

Project: British Pipeline Agency (BPA);

This project will replace BPA's existing pipeline management and supervisory control and data acquisition (SCADA) systems.

Responsability:

- Developing Functional and technical design of Yokogawa SCADA systems;
- Responsible for Software configurations design;
- Design and implementation of functions and interfaces to FAST TOOLS;
- Responsible for the correct-technical design, implementation and testing;
- Development of the PLC/HMI according to the requests of the clients;
- Internal tests, Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT);
- Documentation;

### **Automation Engineer - Adrem Engineering**

Bucharest | Engineering | Energy

Project: FDEE\_EDTS SCADA - Romania;

Development and implementation SCADA systems for 110/20 kV substations;

Responsability:

I was technical supervisor for the electric installations developed on this project;

- PIF and identification errors on execution;
- Attend regular meetings with the management and the clients in order to improve the project;
- Supports the technical representative in discussions with the client as and when required;

The second activities was:

- Configuration and PIF for SCADA DMS system;
- Configuration telecontrol equipment - RTU IDS 750/850;
- Configuration platform SCADA/DMS local/central;
- Configuration IEC communication protocols: IEC 60870-5-103, IEC 60870-5-104, IEC 61850, Modbus protocol;
- Configuration of servers and workstations;
- Design and implementation of functions and interfaces to Highleit;
- Responsible for Software configurations design;
- Responsible for the correct - technical design, implementation and testing;
- Implementation of modifications and as-built processing;
- Analyze, troubleshoot and solve network issues;
- Internal tests, Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT);

44.

### **SCADA (Software System Engineer) - EnergoBit**

Cluj-Napoca | Automation | Energy

- Installation, configuration and maintenance of PLC's and data acquisition modules used for remote monitoring and control of transformer substations and power substations
- Making network connections between PLC and Human-Machine-Interface
- Preparation of input / output lists, create and manage databases for PLC and for dispatching application
- Electrical modeling of High Voltage, Medium Voltage and Low Voltage networks in the ADMS system (Advanced Distribution Management System) , create / validate the equipment catalog, test the DMS (Distribution Management System) network model and functionality
- Develop and configure software applications based on customer requirements
- Collaboration with the designer / technologist of the installation system for which the automation will be performed
- Testing and commissioning at the customer
- Diagnosing the problems and providing the necessary support for their solving
- Developing documentation for PLC + SCADA / DMS (specifications, descriptions, diagrams, operating manuals, etc.)
- Preparation of technical automation offers

#### **General skills**

**Arduino AutoCAD SolidWorks PLC sql database Human-Machine Interface (HMI) adms  
Communication protocols DMS (Distribution Management System) Electrical Network Modelling  
electrical wiring IEC103 IEC104 Modbus TCP/IP knowledge**

45.

### **Senior SCADA Engineer (Engineering Management System) - HS2 LTD**

ABROAD | Engineering | Transport / Logistics / Import - Export

- Developed technical specifications of the works information for the Engineering Management System
- Assessed industry standards are applied in the development of requirements for the Alarm Management System with the use of ISA 18.2
- Contributed to the development of the Alarm Philosophy and HMI Philosophy of the EMS
- Specified HMI requirements and functionalities with compliance to ISA101 and High-Performance HMI
- Written technical specification and control narratives for the integrated assets such as Mechanical and Electrical systems, HV Traction Power and HV Non-Traction Power systems

- Contributed to the subcomponent level integration strategy documents and system architecture diagrams
- Supported the lead engineer in identifying the ideal SCADA integration architectures for the integration of line wide systems (HV Systems SCADA, BMS, Wayside Systems, Tunnel SCADA, etc)
- Analysed technical specifications and drawings of 3rd parties (M&E BMS, HV SCADA, Tunnel SCADA), checked compliance with EMS design
- Took an active role in the PQQ evaluation for the EMS System for the assurance of SCADA systems such as EMS

#### **ISA BSM Scripting Scada iec**

#### **Test and Commissioning Engineer (Contractor) - Siemens**

ABROAD | Engineering | Transport / Logistics / Import - Export

- *Complied with quality procedures, processes, and guidelines.*
- *Provided installation and IO termination testing support for C660 for the Crossrail Elizabeth Line in London*
- *HV Traction Power and Non Traction Power, M&E Equipment monitoring, SCADA OPC Servers, Passenger Information Device servers, Customer Information Systems*
- *Provided system configurations for the SCADA Power and Utilities servers from the first start-up to future updates*
- *Provided I/O Checkout to the design drawings and have redlined updated done on site*
- *Provided Functional Testing according to the test plans and have updated test plans where gaps in system testing were identified*
- *Provided SCADA Integration and testing of LV metering, HV Switchgear, Traction Power Switches, Lifts, Escalators, Pumps, this involved point to SCADA testing, SCADA object functionality testing, Alarm Management function testing, Black Building Testing*
- *Interface testing with different types of PLCs (Simatic Step7–1500, Allen Bradley, SLC500, Schneider Electric M241, Mitsubishi, WAGO)*
- *Fault finding on 3rd party developed PLC code, reported bugs and offered solutions for integration and logic functions*
- *Used Communication Protocols DNP3.0, IEC61850, IEC60870-5-103, OPC DA/OPC UA, Modbus RTU/TCP, BACNET MSTP/IP*
- *SCADA Integration 3rd Party OPC Servers with the use of Matrikon Funneler, fault finding network and connectivity problems*
- *Developing scripts (BASH) for capturing testing logs and system alarms*
- *Developed reporting software for version control of RTU configurations, developed software for the simulation of Platform Screen Doors functionality, simulation of UPS alarms*



- Analysed technical specifications and drawings, verified compliance to national and international guidelines and standards

- Took an active role in software fault finding and bug reporting

- Diagnosing faults in products and assets both in-house and in on-site environments

### **PLC Design Engineer - Siemens Rail Automation**

ABROAD | Engineering | Transport / Logistics / Import - Export

- Written functional design specifications for the development of SCADA upgrades to the legacy network rail Centralized Management System

- Written method statements, task briefings, test specifications in accordance to the site works to be carried out

- Raised technical queries and offering customer support

- Executed the RTU design and configuration, RTU Cabinet design, IO Schedules

- Created the termination schedules and wrote the testing and commissioning relative to the implementation stage, local termination test, integration test, SCADA static testing and SCADA dynamic test

- Developed a FAT software using VBA for FAT process and verification methodology improvements

- SCADA mimic design, configuration and database population using Cromos 320 and

- Cromos Xpress

- Supported projects such as Crossrail during IFAT and SAT

- Used multiple RTU protocol technologies (Modbus RTU, Modbus IP, IEC61850, DNP3, OPC)

- RTU configuration and programming (STD and FBD) with Fastflex RTU

- I've been involved in different types of projects the largest one being Crossrail.

### **Modbus bacnet opc ua RTUs**

#### **SCADA Developer - Adrem Invest**

Bucharest | Engineering | Energy

- Application Programming, Database Design, HMI design and training SCADA Operators

- IT Infrastructure, networking and communication system design

- Implementing Romanian National Grid Network with IDS HIGH-LEIT SCADA system and installing new SCADA system for new Central Control Centre

- Programming and testing IDS RTU devices Education

46.

### **Automation Engineer - ElectroAlfa**

Iasi | Automation | Energy

Prepares or participates in the elaboration of the execution documentation and accompaniment of the automation works / subassemblies

Prepares or participates in the elaboration of the lists of materials for automation works / subassemblies

Provides technical assistance on the production flow

Develops or participates in the elaboration of software applications / configurations related to the programmable equipment included in the paper, to achieve the functionality required by the contract / customer

### **SCADA engineer - Engie Fabricom Belgium Hoboken Yard**

ABROAD | Engineering | Energy

Design SCADA screens for a station controlling offshore wind farm

Provide appropriate and timely technical advice on matters relating to SCADA and control systems

Support the test team before the station is sail away

### **beckhoff plc Zenon SCADA Software**

### **Project Leader - Alewijnse Industrial Automation**

Iasi | Engineering | Naval / Aeronautical

- Designing of electrical block diagram of an water pump station
- Revisions of projects for water pump stations
- Preparing drawings and working with P&ID's
- Working with Unity pro XL software in water pump station projects
- Designing SCADA screens in Schneider Vijeo Citect software .
- Mentoring people to achieve the projects goal
- Interactions with the people involved in projects

### **AutoCAD Microsoft Office**

### **Automation Engineer - Delphi Diesel Systems Romania**

Iasi | Service / Maintenance | Auto / Automotive

- Analysis and intervention of equipment failures as PLC Siemens, robots (ABB, Adept, Staubli), cameras detection (Cognex)
- Debugging software of automatic stations equipped with Siemens PLCs S7-300 and S7-400 using the program Step7 Simatic Manager and WINCC Flexible
- Maintenance for traceability system.
- Maintenance of CNC machine Siemens Sinumerik and Fanuc: debugging, back-up, spare parts
- Implementation of new software for machines on the assembly line
- HMI and communication configuration
- Forecasting of spare parts
- Management of the back-ups for all machines from the plant
- Assessing the needs for equipment replacements and establish replacement programs

## **System Engineer - SC. Ga-Pro Co Chemicals SRL**

Piatra Neamt | Engineering | Chemistry

- Monitoring and diagnostic of technical condition of DCS equipment in the ammonia plant;
- Creating, checking and database maintenance of DCS by the Experion PKS software from Honeywell;
- Establish communication between CCC turbomachinery controller and DCS (Modbus protocol).
- Design and implementation of interlocks logic in Honeywell PLC using FLD.
- Configuring and maintenance Bentley Nevada 3300 series vibration monitoring system

47.

## **SCADA Product manager - Blue Note Communications SA**

Iasi | Cercetare - dezvoltare | IT / Telecom

Implementare soluții SCADA - Supervisory Control and Data Acquisition & Industrial IoT

Activități:

- promovare, îmbunătățire și dezvoltare continuă a produsului software-BlueMonitor  
<https://www.bluemonitor.ro/>
- activități de presales
- analiză business, elaborare și coordonare plan de implementare software, coordonare activități cu departamentele Comercial/Tehnic&parteneri (Elsaco, Efento, Vodafone)
- analiză nevoi, creare panouri sinoptice custom (realizate cu HTML, CSS, Javascript - Photoshop - Illustrator)
- configurare echipamente și module de achiziție date MQTT, ModBus, NBloT, HTTP etc.
- punere în funcțiune automatizări industriale
- desfășurare activități de training și suport clienți
- gestionare portofoliu clienți: ApaVital Iași, Radiocom, Azomureș, Transgaz, CTP Iași ș.a.

Cunoștințe dobândite:

- IoT, NB-IoT, senzori și echipamente de monitorizare și control
- procese industriale

48.

## **System Instrumentation Engineer - Hella Romania**

Craiova | Engineering | Auto / Automotive

Company activity field: the HELLA Group develops and manufactures lighting and electronic components and systems for the automotive industry.

Responsibilities:

- develop software for testing automation
- program state-of-the-art instruments for data acquisition and control

- develop instrument drivers and user interfaces for test engineers (NI LabWindows/CVI - C for Virtual Instrumentation)
- debug the test benches and equipments, both software and hardware

### **SCADA software engineer - SYSCOM Process Control**

Bucharest | IT Software | IT / Telecom

Achievements:

- SCADA system for the exhaust sewage system of Lakes Titan, Tineretului and Carol (Simatic WinCC, client server architecture, GPRS communication, I/O, alarm, trend, report and WEB servers)

### **PLC & SCADA design engineer - Polystart**

Craiova | Engineering | Services

Responsibilities:

- Control systems design and configuration
- PLC/ HMI/ SCADA industrial programming (Schneider Electric & Eaton-Moeller equipments)
- GPRS-based communication between a higher-level control system and remote control substations
- Redundant supervisory control and data acquisition (SCADA) system for water collection, treatment and distribution network (Vijeo Citect, 2 I/O, alarm, trend, report, OPC DA servers)
- Network of water wells for capturing and collecting raw water - automation system for the monitoring and command of the whole process (Modicon M340 & Twido PLCs, Magelis XBT GT graphic console, Ethernet, Modbus TCP/IP)
- Industrial programming and communications system for wastewater pumping groups (1+1, 2+0, 3+0 pumps, Modicon M340 PLC, Magelis XBT RT500 semigraphic console, PM710 power meter, Modbus RTU protocol)
- Industrial programming for water intake station(1 pump, Twido PLC, Magelis XBT RT semigraphic console, Modbus RTU protocol)
- Detail design for wastewater pumping stations (1+1, 2+0, 3+0) - electrical, instrumentation, communications, automation systems (Modicon M340, Altistart 48 starters)
- Detail design for water supply network with 11 water wells (connected to the same tank) and submersible pumps: wiring diagrams, protection & automation schemes, manual & automatic mode, local & remote control, sensors, softstarters, frequency converters, communications, PLC programming flowcharts
- Reversible automatic transfer switch with the main power line selection (programmable relay Eaton EASY 800, Easy-Soft Pro)

### **Automation / Instrumentation engineer - Kirchhoff Automotive**

Craiova | Automotive / Equipment | Auto / Automotive

Responsibilities:

- Process improvement and optimization
- Software backup and restore
- Changes in PLC software (Siemens S7)
- Replacement and adjustment of proximity sensors, inductive, capacitive, optical sensors
- Design, execution and commissioning of electrical installations and control systems
- Repair and maintenance of automated production lines
- Robot calibration, debugging control cabinet (ABB)
- Corrective and preventive maintenance

Achievements:

- safety system with two-channel, container detection and access interdiction, integrated in general conditions of security
- indicator optical system for the parts
- electrical and pneumatic Poka Yoke system for detecting and blocking the non-compliant parts
- process validation system with optical barriers (Simatic S7-300, installation of sensors and I/O module, programming, integration)
- automatic switching of welding programs by detecting of the parts with proximity sensors
- solutions for Poka Yoke systems by use of serially connected inductive sensors, sensors, of type PNP/NC and NO

**PLC / HMI software engineer - Automatic Systems**

Craiova | IT Software | IT / Telecom

Responsibilities:

- PLCs & HMI industrial programming (GE Fanuc, Siemens, Eaton-Moeller equipments)
- Design and commissioning of automation systems
- PLC network configuration

Achievements:

- Setting/commissioning the frequency inverter (Micromaster 440 type) for a crusher of plastic materials, Ford platform
- System for automatic operate of a reserve electricity power supply to a 400/220 kV substation, (PLC Eaton XC-CPU201, display XV-102, Ethernet), Iron Gates, Transelectrica
- Gate control system - Maneciu Dam (S7-200, OP73 micro)
- Remote control system for Hydro Dispatch Center - Hidroelectrica, Ramnicu Valcea subsidiary (OPC, Networking View and Web-based client applications)
- Industrial automation equipment destined to the cogeneration plant - DONAU CHEM, Turnu Magurele (PLC Simatic S7-300, Industrial Ethernet)
- corrective interventions in programs, debugging (GE Fanuc 90-30 PLCs, Proficy Logic Developer PLC)
- technical documentation, memory maps, flowcharts, real-time trend windows
- commissioning and functional test of automation and monitoring systems - HPP Valcea, HPP Calimanesti, HPP Dragasani (GE Fanuc 90-30 PLCs, software Proficy Machine Edition 5.7 SP1 - View & Logic Developer PLC, Data Designer, Datapanel 45, Station Flat Panel PC IC5005/BC5005, Ethernet, RS485)
- integration of control systems in the SCADA system - Hidroelectrica, Ramnicu Valcea subsidiary (Ethernet, OPC, Modbus TCP/IP protocols)

**Automation and industrial software engineer - IPA SA**

Craiova | Engineering | IT / Telecom

Responsibilities:

- PLC & HMI industrial programming (Schneider Electric & Siemens equipment)
- Setting up the variable speed drives (Schneider Electric)
- Design and commissioning of automation systems.

Achievements:

- Control and monitoring system for butterfly valves and power feeding - HPP Motru (Twido and Simatic S7-200 PLCs, RS485 serial link, Modbus RTU and TCP/IP protocols, Magelis XBTGT graphic terminal, OPC and WEB servers);
- functional tests for the SCADA system for pumping stations - Water Company Oltenia Craiova (48 Altistart starters, Twido PLC, RS 485)
- 50t/12.5t crane monitoring system - HPP Ciunget Lotru (Twido Compact PLC, Magelis XBT RT semigraphic console, Ethernet, Modbus TCP/IP communication protocol, OPC Server 2.0)
- Modernization of the Redler conveyor systems with Altivar 71 variable speed drives - Thermo Power Plant Craiova 2 Craiova
- translation of technical documentation

### **Senior SCADA engineer - Hidroelectrica**

Slatina | Engineering | Services

position: SCADA and Refurbishment Department, SCADA engineer

Responsibility:

- Engineering, developing and implementation of data acquisition and control systems
- Providing commissioning, diagnosis and maintenance of digital equipments
- Involved in the analysis of technical projects in instrumentation, automation and communications areas
- Participant at factory acceptance tests of the control systems

Achievements:

- Monitoring system with a client-server architecture destined for Hydro Dispatch Center (RS 422, Modbus, IEC1107, Visual Basic 6.0, ActiveX, Access, TCP/IP, GSM)
- Virtual instrument for data communication in Modbus (LabVIEW)
- Backup radio system with Motorola GR300 Repeater
- ICE Felix process computers installation (QNX operating system, ISaGRAF programming console)
- Visual Basic software application for testing and configuring CEWE Prometer energy meter

### **Electrical engineer - Electrotehnica**

Bucharest | Engineering | Services

position: solid-state power electronics division, project engineer

Responsibility:

- Computer aided design of control systems (OrCAD, PSpice)

Qualifications:

PLC & PAC programming - Proficy Logic Developer PLC (LD), STEP 7 Manager (LD), STEP 7 MicroWIN (FBD), Unity Pro (SFC), TwidoSoft (LD), easy Soft CoDeSys (CFC), Easy Soft Pro (LD), C, Pascal

SCADA & HMI software - Proficy Machine Edition - View Developer (VBScript), Vijeo Designer (JavaScript), Vijeo Citect (Cicode), Galileo, Visual Designer, WinCC Flexible Micro, LabVIEW, Visual Basic

Bucharest | IT Software | IT / Telecom

Development and implementation of automation systems on different platforms:

- SIMATIC MANAGER STEP7 (Siemens )
- SIMATIC WinCC flexible (Siemens);
- TIA Portal (Siemens);
- Flexi Soft (Sick);
- CDS (Sick);

Ensures that required prerequisites (e.g. design inputs, tools, documentation, deliverables, schedule) are in place prior to commencing work.;

Produces parts or total functional design specifications;

Produces technical design specifications;

Executes work assignment to appropriate standards and quality systems ;

Supports assigned engineers to ensure they are able to meet the requirements of their work assignments;

Effectively communicates with customers to fully define and agree project requirements

Provide field coordination activities for automation works;

Troubleshooting and commissioning.

**WinCC Flexible cds Siemens Simatic Step 7 tia portal Flexi Soft**

### **SCADA and Automation Engineer - UTTIS Industries SRL**

Bucharest | IT Software | IT / Telecom

Development and implementation of monitoring and control SCADA systems on different platforms:

- SIMATIC MANAGER STEP7 (Siemens )
- SIMATIC WinCC flexible (Siemens);
- TIA Portal (Siemens);

Ensures that required prerequisites (e.g. design inputs, tools, documentation, deliverables, schedule) are in place prior to commencing work.;

Produces parts or total functional design specifications;

Produces technical design specifications;

Executes work assignment to appropriate standards and quality systems ;

Supports assigned engineers to ensure they are able to meet the requirements of their work assignments;

Effectively communicates with customers to fully define and agree project requirements;

Engineering and design of instrumentation, data acquisition, data transmissions and automation works;

Provide field coordination activities for automation works;

Troubleshooting and commissioning.

### **SCADA and Automation Engineer - PROBIT SRL**

Bucharest | IT Software | IT / Telecom

Development and implementation of monitoring and control SCADA systems on different platforms:

- PL7 (Schneider Electric);

- TwidoSuite (Schneider Electric);
- Unity Pro (Schneider Electric);
- SoMachine Basic (Schneider Electric);
- SoMachine (Schneider Electric);
- Vijeo Designer Lite (Schneider Electric);
- Vijeo Designer (Schneider Electric);
- Vijeo Citect (Schneider Electric);
- Monitor Pro (Schneider Electric);

Ensures that required prerequisites (e.g. design inputs, tools, documentation, deliverables, schedule) are in place prior to commencing work.;

Produces parts or total functional design specifications;

Produces technical design specifications;

Executes work assignment to appropriate standards and quality systems ;

Supports assigned engineers to ensure they are able to meet the requirements of their work assignments;

Effectively communicates with customers to fully define and agree project requirements;

Engineering and design of instrumentation, data acquisition, data transmissions and automation works;

Instrumentation dimensioning and acquisition (flow measurement, sensors, level transmitters, level switches, temperature meters, liquid analysis, etc.);

Provide field coordination activities for automation works;

Troubleshooting and commissioning.

#### **PI7 unity pro twidosuite vijeo citect vijeo designer lite SoMachine Basic SoMachine SCADA Design Engineer - PROBIT SRL**

Bucharest | IT Software | IT / Telecom

Development and implementation of monitoring and control SCADA systems (data acquisition, databases, reports, graphs, statistics) on different platforms:

- Visual Basic 3.0, 4.0, 6.0;
- Visual Studio;

Produces parts or total functional design specifications;

Produces technical design specifications;

Executes work assignment to appropriate standards and quality systems ;

Effectively communicates with customers to fully define and agree project requirements

Engineering and design, data acquisition, data transmissions and automation works;

Troubleshooting and commissioning.

50.

#### **SCADA Engineer - EnergoBit**

Cluj-Napoca | Engineering | Services



Energobit is one of the biggest Romanian company players on the energetic field.

I was part of a young team responsible for the Energobit SCADA projects.

I was responsible for delivering some big projects for Electrica for some substations in the northwest region and also in other locations as Ploiesti, Cheia, and Constanta.

I was responsible for technical installation, configuration and implementation of the SCADA equipment at customer's site.

One of my biggest projects was supervising the SCADA implementation and commissioning in a substation in Dobrogea Region (Cernavoda 1 and 2 Eolian Parks).

51.

### **Inginer SCADA - Eximprod Grup**

Bucuresti | Inginerie | Energetica

Contributie la implementarea, dezvoltarea si intretinerea platformei SCADA DMS/OMS (Efacec ScateX+).

Responsabila cu configurarea bazei de date RTU si sinoptice.

Testarea si asistarea la punerea in functiune pentru statiile IT/MT, posturi, separatoare si reclosere pentru automatizarea sistemului de distributie rurale sau urbane.

52.

### **Inginer Scada/PRAM - Eximprod Grup**

Bacau | Inginerie | Energetica

I. Configurarea, parametrizarea si pregatirea pentru integrarea in sistemul SCADA a TNP (terminalelor numerice de protectie) de pe urmatoarele platforme:

- ABB- PCM 600 (ex: REF 615 , REF 630);
- SIEMENS DIGSI IV ( ex: 7SJ66, 7SJ64 )
- SIEMENS DIGSI V (ex:7SJ82, 7UT85)
- SELL AcSELeRator (ex:751 007)
- PHOENIX CONTACT (I/O component - IL MOD BK DI8 DO4-PAC)

II. Integrarea SCADA a terminalelor numerice de protectie utilizand urmatoarele platforme:

- SIEMENS- SICAM PAS utilizat ca unitate centrala a obiectivelor;
- SIEMENS- WINCC utilizat interfatarea intre operator si sistem;
- EFACEC- Automation Studio utilizat atat ca unitate centrala cat si pentru interfatarea operator sistem.
- ABB-Viola ARC 600 utilizat ca RTU,
- CISCO-EXIMPROD- IR809 ce utilizeaza un soft al companiei EXIMPROD GRUP SA.

Pentru integrarea echipamentelor au fost utilizate urmatoarele protocoale de comunicatie:

- IEC 61850;
- DNP 3;
- MODBUS;
- IEC-60-870-5-c-101;
- IEC-60-870-5-c-104.

Protocoloalele de comunicare utilizeaza mai multe tipuri de conexiune cum ar fi cea seriala (RS 232, RS 485) sau cea de ethernet.

III. Pentru integrarea DCS a serverelor SCADA am utilizat o singura platforma si anume SPECTRUM POWER(SIEMENS). In general pentru conexiunea intre servere si platforma DCS se utilizeaza doar protocolul IEC-60-870-5-c-104

#### **Inginer Automatist - OMV Petrom**

Moinesti | Automatizari | Petrol / Gaze

- Asigura respectarea reglementarilor si legilor romane, a standardelor europene si a filosofiei/ standardelor/ specificatiilor companiei pentru toate proiectele
- Participa la reviziile tehnice operationale, la evaluari si auditari, realizeaza studiile tehnice, rapoartele si memorandumurile
- Analizeaza facilitatile existente pe zona sa de productie si propune imbunatatirea proceselor, eliminarea strangularilor, actualizarile pentru scaderea in mod eficient a costurilor operationale si pentru a consolida productivitatea/ eficienta uzinelor/ echipamentelor
- Monitorizeaza si analizeaza procesele tehnice si propune masuri de reducere a Defectiunilor
- Furnizeaza expertiza tehnica in toate fazele proiectului, de la validarea oportunitatii pana la inchiderea proiectului.
- Asigura informatii relevante privind costul si programarea proiectului, pentru o planificare cat mai corecta

#### **Inginer Scada/PRAM - Eximprod Grup**

Iasi | Inginerie | Energetica

Configurarea de echipamente inteligente si integrarea acestora in sistemul local si central a acestora.

Realizare configuratii PRAM/SCADA in 26 de statii de transformare.

**sicam pas digsi 4 DNP 3 spectrum power CLP 500/efacec IEC 60870-5-101/103/104**

53.

#### **Deputy IT Manager/Automatizari SCADA - Pet Communications**

Constanta | IT Hardware | Prestari servicii

Avea grija de buna funcționare a echipamentelor IT hardware (servere, echipamente de rețelistica, pc uri, telefoane, periferice, sistem de camere video ) și buna functionare a părților de software.

Am participat ca rol secundat in departamentul de Automatizati SCADA.

54.

#### **Commissioning Engineer Scada & Protection - Eximprod Engineering**

Bucuresti | Inginerie | Energetica

\* Integration in local SCADA system and commissioning of more that 10 substations.

-Commissioning and integration more than 100 of MV Transformation Points also diagnose or fixing problems in others 50.

-Creating and mapping SCADA information stored in Microsoft Access databases ES200 Eximprod RTU.

- SCADA system configuration, Up and Down communication,
- Working on/with the following numeric relay and equipment: ABB, SIEMENS, SCHNEIDER, SEL, EFACEC, UPS, Switches, GPS, embedded pc, etc.;
- Parameterization of SIEMENS, SCHNEIDER, SEL, EFACEC for SCADA system communication networks, communication; protocols used: IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus, communications between different relays; Protection and/or SCADA;
- Execution of the relay connections with the communication network;
- Telecommunication network configuration, substation level, FO, UTP;
- Serial cables execution for different types of relays;
- Testing secondary circuits of the relays and functional tests;
- Commissioning of the Protection Relays;
- Commissioning of the SCADA system.
- I have worked with the main providers from the energy distribution area (Delgaz Moldova, Electrica Muntenia, CEZ Romania, Monsson, Alive Capital)

55.

#### **Inginer SCADA - EXIMPROD Grup**

Bucuresti | Inginerie | Energetica

In zona SCADA: - Retehnologizare statii electrice de inalta si medie tensiune cu integrare in DMS SCADA - configurarea sistemelor SCADA , preluarea semnalizarilor in SCADA locala cat si trimiterea acestora catre dispecerat (SCATEX platforma Efacec UC500, SPECTRUM platforma SIEMENS - WinCC) - creerea sinopticelor SCADA atat pentru operator cat si pentru dispecer - punerea in functie a echipamentelor integrate in sistemul SCADA

In zona releelor de protectie: - Parametrizarea echipamentelor de comanda-control si protectii ( SIEMENS, EFACEC pentru SCADA), folosind urmatoarele protocoale de comunicatie: IEC 61850, IEC 60870-5-104, Modbus - Participare la sedintele de inginerie pentru proiectele in curs de retehnologizare - Punere in functie a echipamentelor pe parte secundara in statiile de inalta si medie tensiune - Remedierea neconformitatilor aparute in instalatiile clientilor Eximprod Grup  
GIAC Response and Industrial Defense (GRID), CompTIA Security+

56.

#### **Inginer electrician-automatist - R&R Beth**

Bucuresti | Inginerie | Productie

Proiectarea dulapurilor de automatizare

Programare PLC

HMI design

**Inginer dezvoltare software PLC , HMI, SCADA - Societatea de Inginerie Sisteme**

Bucuresti | Automatizari | Energetica

- Proiectarea, implementarea și punerea în funcțiune a sistemelor de automatizare și SCADA
- Realizare documentație tehnică pentru proiecte de automatizare și SCADA

Softuri cu care am lucrat: TIA Portal, WinCC, Step, PcVue SCADA, Wonderware InduSoft Web Studio

Limbaje de programare : Function Block (FBD), Ladder logic (LAD), Structured Control Language (SCL)

C++, SQL (noțiuni de bază)

Protocoale de comunicație serial și Ethernet: Modbus, ProfiNet, CAN

57.

#### **SCADA/EMS ENGINEER - S.C. TELETRANS S.A.**

Bucharest | Engineering | -

ADMINISTRATION AND UPDATE OF SCADA/EMS DATABASES  
EVENT MANAGEMENT FOR THE SCADA/EMS SYSTEM AT TRANSELECTRICA  
INPUT-OUTPUT LISTS FOR THE NEW/MODERNIZED SUBSTATIONS AND POWER PLANTS  
APPLICATION MAINTENANCE  
INTEGRATION  
LOAD FREQUENCY CONTROL SOFTWARE  
TESTING

58.

#### **SCADA engineer - DELGAZ-GRID**

Iasi | Engineering | Energy

- configuration, diagnosis, maintenance of SCADA system;
- configuration, diagnosis, maintenance of communication systems;
- technical specification development;
- Microsoft Access, My SQL database administration;
- availability monitoring and communication services restauration;

59.

#### **Senior SAS engineer - Aspecto GmbH**

ABROAD | Engineering | Energy

- Configuring the database for Command and Control System;
- Configuration of the graphic pages (HMI) for high-power stations and medium voltage;
- Logic configuration for the command and control system, interlock system(FBD);
- Configuring data servers and analysis stations events;
- Setting up communication networks: Ethernet, fiber optics, RS232/RS422/RS485, IEC 61850, T103, T101 and T104;
- SCADA: configuration database, the hardware, communication parameters and perform functional tests with remote centers;
- Configuration, testing, validation, FAT, SAT, according to single line diagrams;

- Site testing and commissioning of high voltage lines and medium voltage.
- Windfarm commissioning
- Integration of Firefighting, PAGA and Telecom, Fuel Systems of the offshore platform into the command and control system.
- Check the integrity and correctness of the circuits of all systems (DCS, PAGA, Telecom, Firefighting, Fuel system)

### **DCS Engineer - ALSTOM Grid Romania**

Bucharest | Engineering | Oil / Gas

- Configuring the database for Command and Control System;
- Configuration of the graphic pages (HMI) for high-power stations and medium voltage;
- Logic configuration for the command and control system, interlock system(FBD);
- Configuring data servers and analysis stations events;
- Setting up communication networks: Ethernet, fiber optics, RS232/RS422/RS485, IEC 61850, T103, T101 and T104;
- SCADA: configuration database, the hardware, communication parameters and perform functional tests with remote centers;
- Configuration, testing, validation, FAT, SAT, according to single line diagrams;
- Site testing and commissioning of high voltage lines and medium voltage.

Romania - Lacu Sarat substation 400/220/110/20kV - configuration and commissioning

Romania - FAI substation 220/110/20kV - configuration and commissioning

Romania - Pestis substation 220/110kV - configuration and commissioning

Romania - Targoviste substation 220/110/20kV - configuration and commissioning

Romania - Tariverde substation 400/110kV - configuration and commissioning

Cyprus – Alexigros substation 132/20kV - configuration and commissioning

Israel - Kfar Saba 400/150kV substation - integration of Areva system in GE System - configuration and commissioning

car, insurance

60.

### **Automation Engineer ( SCADA/DCS ENGINEER) - SC HERBING SRL**

Bucharest | Engineering | IT / Telecom

Analyse system specifications

- Develop DCS configuration database (PACiS system - Schneider Electric)
- Perform internal validation tests on the integration platform
- Perform Factory Acceptance Tests (FAT) with the customer
- Perform Site Acceptance Tests (SAT) with the customer
- Perform maintenance to existing systems.
- DCS/SCADA Commissioning

Projects:

1. Didube Substation 220/110/35/6 kV , Georgia,Tbilisi

• Commissioning & power on procedure for DIDUBE substation 220/110/35/6 kV Georgia,Tbilisi : 5 OHL 110 kV, direct customer Schneider Electric, final customer GSE.

2. ATSA Romania

Modernization Of The Power Supply Installations Afferent To Timisoara - Caransebes - Craiova and Targu Jiu Electrification Centers

•Commissioning & power on procedure for Barbatesti (110/25 kV) with direct client Alstom Transport and final client CFR-Electrification

- Commissioning & power on procedure for Valea Cernei (110/25 kV) with direct client Alstom Transport and final client CFR-Electrification
- Commissioning & power on procedure for Resita Nord ( 110/25 kV) with direct client Alstom Transport and final client CFR-Electrification
- Commissioning & power on procedure for on-line post with direct client Alstom Transport and final client CFR-Electrification

61.

#### **Inginer SCADA - SC Raja SA**

Bufta | Inginerie | Energetica

Monitorizarea si detectare nefunctionalitati ale sistemului automatizat pentru Gospodariile de Apa potabila Bufta, Corbeanca si Ostratu. Mentenanta si activitati IT: Hardware si Software. Asigurarea bunei functionari a echipamentelor aflate atat in teren cat si la punctul de lucru, a conexiunii la internet pentru unitatile desktop si mobile.

62.

#### **IT Project Manager / SCADA Engineer - OMV - Petrom**

Bucharest | Engineering | Oil / Gas

- Supervising of truck loading terminal automation around the country
- Supervising of companies involved in this automation process like ABB Norway, Siemens Romania, Alconex, Chemoil.
- TAS (terminal automation system) project management in Petrobrazi Refinery
- managed the field equipment and command servers/SCADA interconnectivity in Petrobrazi Refinery TAS project, at industrial communication level, communication protocols and others.
- participated in vendor selections for Petrobrazi Refinery TAS project

#### **PLC SCADA Programmer - Electro-Total Bucharest**

Bucharest | IT Software | Energy

PLC programming, SCADA, commissioning

2008 - PLC programming for Hunedoara and Aiud metallurgical projects.

2008 - Visual Basic software for communication with modbus devices on serial and ethernet networks.

2008 - Commissioning for CC drives with networking and basic drive settings - ALRO Slatina.

2008 - Citect SCADA

#### **PLC SCADA Programmer - Elmedo Automation**

Constanta | Engineering | Energy

Software development for automated systems including:

- \* PLC programming;
- \* SCADA software;
- \* Drive setup and programming;
- \* Networking (Modbus RTU, Modbus TCP/IP, Profibus on rs485, ethernet etc.);
- \* Visual Basic, Java and other programming environments used in automation software;
- \* commissioning;

My projects inside Elmedo Automation:

\* 2005: PLC program computing limits and prelimits of the grabber for harbour crane, using encoders - system built for Deltanav Tulcea. This system was later used inside bigger projects for fully automated cranes;

\* 2006: SCADA software development for data acquisition and parameter monitoring in energy distribution. The software was developed to work in redundancy on two PCs. - system built for Nuclear Fuel Factory Pitesti (FCN Pitesti);

\* 2006: PLC program used for motor control on dock opening system. - built for Daweoo Mangalia Heavy Industries;

\* 2006/2007: Automated cast-iron oven including PLC program for control using PID regulators, SCADA software for temperature monitoring and full feedback, drive programming, Java programming for touch-panel HMI, modbus ethernet networking to link the equipments - system built for Armatura SA Cluj-Napoca.

\* 2007 ♦ PLC program for motor control on shipyard gate - Daewoo Mangalia Heavy Industries

\* 2008 - PLC and HMI programs for medium voltage pumping station: control and command of five 6KV pumps, and other three 0.4KV pumps. The pumps work depending to the water level inside two tanks, and their starting sequence can be changed according to the online time of each pump. For energetic measurement, a modbus serial rs485 network is used, monitoring all pumps and other parameters.

63.

### **ELECTRICAL & SCADA PROJECT ENGINEER - Veolia Australia & New Zealand**

ABROAD | Automation | Environmental Protection

I provided engineering support in maintenance and operations by both locally and remotely troubleshooting of the automated systems. Provided project control in rehabilitation of various water/wastewater treatment assets and pumping stations.

Key Accomplishments:

- Successfully delivered technical audit report, proposing advanced technical solutions to improve the operation reliability and cost performance of a Sludge Thermo Drying Facility located at Wellington Seaview WTP.
- Successfully delivered technical audit report, proposing advanced technical solutions to improve the operation reliability and cost performance of all the automated water and wastewater assets of

Ruapehu

### **Electrical, Automations and Instrumentation Engineer - Wabag Water Services**

Bucharest | Automation | Environmental Protection

Provided complete engineering support in project development. Controlled tender preparation, project design and scope, setup, implementation, testing, and commissioning.

Key Accomplishments:

- Successfully performed technical inspection and delivered a professional report for Erbil/Kurdistan KAR 3 Refinery WWTP.
- Coordinated electrical, process control and instrumentation project for key client PepsiCo industrial WWTP's in both Kashira Russia and Dragon Bucharest.
- Coordinated electrical, process control and instrumentation project for Philip Morris International industrial WWTP (subsidiaries: Philip Morris Romania S.R.L. and Philip Morris Trading S.R.L.)

### **Automation & PLC Engineer - IMSAT Cuadripol, Amplast Campulung**

Brasov | Automation | Manufacturing

Finding solutions for industrial automation, programming PLC and other programmable devices, designing automation switchboards and panels, designing automation documentations, site execution and operation, maintenance and reparations

64.

### **Specialist Engineer Protection by Relay Automation and Measurement & SCADA - S.C.**

#### **Societatea de distributie a energiei electrice Muntenia Nord S.A.**

Ploiesti | Engineering | Energy

Maintenance of the Scada SDEE MN System Prahova, Dâmbovița, Buzău, Brăila, Galati and Vrancea  
Coordination and verification of the works for the modernization of the Transformation Stations and Stations.

Coordination and verification of works for the modernization of Burglary and Fire Detection Systems.  
NOC system integration of SCADA network at SDEE MN level.

Programming Automation Studio equipment type RTU HMI and PLC Efacec.

Raspberry PI configuration integrates automation through GPIO ports and programming in the Python environment.

Tests and tests SCADA 110kV 20kV etc. SCATEX +. Issue of test and test bulletins.

Troubleshoot and repair industrial electronic products.

OS installation and troubleshooting.

Identification of the security guilds of the system with Kali Linux with specific tools Openvas, Armitage etc.  
Maintenance of the Scada SDEE MN System Prahova, Dâmbovița, Buzău, Brăila, Galati and Vrancea

Coordination and verification of the works for the modernization of the Transformation Stations and Stations.

Coordination and verification of works for the modernization of Burglary and Fire Detection Systems.  
NOC system integration of SCADA network at SDEE MN level.

Programming Automation Studio equipment type RTU HMI and PLC Efacec.

Raspberry PI configuration integrates automation through GPIO ports and programming in the Python environment.

Tests and tests SCADA 110kV 20kV etc. SCATEX +. Issue of test and test bulletins.



Troubleshoot and repair industrial electronic products.

OS installation and troubleshooting.

Identification of the security guilds of the system with Kali Linux with specific tools Openvas, Armitage etc.

### **IT Engineer - S.C. Eprocons Proiect S.R.L.**

Ploiesti | IT Hardware | IT / Telecom

My professional experience consists of:

Design Automation SCADA (Supervisory Control and Data Acquisition) and support in the approval committee:

feasibility studies, solution studies, technical design, specification, details execution in transformer stations Electrica Muntenia Nord SA and Transelectrica S.A. .

Transformer Stations:

Maxenu Buzau Station

Ploiesti Crang Industrial Park West Station Prahova

Valea Larga Station Sinaia

Floresti Station Prahova

Campina Station, Prahova

Brazi West Station

Fundeni Bucharest Station

Movila Vulpilor Station

and so on

Fiber Optic coexistence Studies (UPC):

Resistance mechanical calculation poles

Identifying pillars: the type and cables

Hardware and software repair PCs, Servers, Laptops, Printers

Design and manufacture Network with 2 Workstations 10 PCs 1 Plotter 10 Printers Server computers, network storage, UPS, router, switch and cable management

Design and manufacture of security and fire detection systems

Automation Studio EFACEC Romania

65.

### **MES Lead Software Engineer - Honeywell**

Bucuresti | IT Software | Petrol / Gaze

### **Inginer SCADA & Automatizări - Grid Solutions Romania-GE Power**

Bucuresti | Inginerie | Energetica

- Implementare sisteme SCADA DSAgile, Pacis și DAP Server în stațiile electrice;

- Configurare baze date, Input/Output, logică automatizări, HMI conform specificațiilor din proiect, cerințelor clientului;

- Configurare, debugging de servere, clienți, RTU, echipamente de comunicație;

- Validare / teste FAT / commissioning sisteme SCADA pentru stații electrice;
- Integrare diferite tipuri, producători de relee de protecție din stațiile electrice;
- Realizare conexiuni și teste cu SCADA stație electrică și centrele de dispecerat;
- Configurare semnale utilizând diferite tipuri de protocol de comunicație IEC 61850, IEC60870-5-101, IEC60870-5-103, MODBUS, IEC60870-5-104, Courier.

#### Proiecte

- Validare / teste FAT stații electrice Hornsea, Windfarm Whalney, Burbo Banks client DONG Energy Danemark;
- Validare/teste FAT/commissioning stații electrice Agios Georgios, Paros, Syros, Lavrio, Mykonos client Grid Solutions Hellas ;
- Commissioning stații electrice Kafue și Kariba client Zesco Zambia;;
- Commissioning stații electrice Binga și Conji client Ene Angola
- Commissioning, mentenanță stații electrice Tulcea Vest, Târgoviște, Brazi Vest, Baia Mare, Tariverde, Turnu-Măgurele client Transelectrica SA România.

#### **Inginer SCADA - Transelectrica SA, S.T București -CTSI**

Bucuresti | Inginerie | Energetica

Noiembrie 2011 – Decembrie 2014

Inginer SCADA

- Implementarea sistemelor SCADA în Centrul de Teleconducere București;
- Recepție lucrări modernizare sisteme SCADA din stații electrice, teste SAT, teste FAT;
- Mentenanță sisteme SCADA implementate în Centrul de Teleconducere București;
- Participare la avizare, inginerie pentru proiectele noi ce urmau a fi implementate în stațiile din cadrul ST București;
- Site supervisor lucrări de realizare Centru Teleconducere București

66.

#### **SCADA/DCS Automation Engineer - Areva T&D Romania**

Bucharest | Engineering | -

Analyse system specifications. Develop DCS configuration database. Perform internal validation tests on the integration platform. Perform Factory Acceptance Tests (FAT) with the customer. Perform the Site Acceptance Tests (SAT) with the customer. Perform maintenance to existing systems.

67.

#### **Specialist SCADA - Nuclearelectrica**

Cernavoda | Automatizari | Energetica

Resposabil de urmatoarele sisteme:

Sistem monitorizare debite, nivele și temperaturi

RBLRT/ GCLM

Hardware retele de date de proces

Gateway Software (SCADA)

Programe de comunicații (OPC-PI OSIsoft)

Non DCC Software

Control Configuration

SCADA / Procnnet .

SCADA-Statia de tratare a apei

SCADA-Statia 110kV

SCADA-Termoficare

Sistem de monitorizare a parametrilor critici de securitate

PLC ( Siemens S700, S400, S200, National Instruments, Pheonix Contact)

Simatic PLC/ Analysers (Diagnosticare SW/HW PLC-uri)

Principalele activitati:

Asigurarea mentenanței software, urmărind funcționarea programelor conform specificațiilor.

Proiectare, elaborare și testare module software necesare modificărilor pentru optimizarea operării.

Participare la procesul de verificare / validare a proiectelor.

Supraveghere echipamentele care deserve camera de comandă (display-uri, key board-uri, switch-uri, etc.) pentru a menține funcționalitatea in scopul operarii optime.

Menținerea criteriilor de siguranță la defectare prevăzute în proiectul original, urmărind ca acestea să nu se degradeze ca efect al modificărilor sau modernizărilor.

68.

### **Director SCADA - Bifa Automatizari S.R.L.**

Iasi | Inginerie | IT / Telecom

In prezent sunt angajat in cadrul firmei BIFA Automatizari. Ma ocup de departamentul de automatizari si SCADA, in calitate de director SCADA lucrand la mai multe proiecte de dimensiuni medii si mari:

-aplicatii apa canal(statii pompare ape uzate, statii pompare ape potabile, rezervoare, statii epurare, statii de tip capture, foraje, statii tratare, etc.)

-statii de asfalt Cernavoda, Ramnicu Sarat, Focsani etc.

-statii de desorbtie termica (SDT-30, SDT-10)

-prese industriale ce produc componente pentru rachete anti-grindina ( 4 buc - tip C, tip H);

Lucrez in diferite programe de proiectare de la diversi producatori: Siemens, Allen Bradley, Schneider,LS, Phoenix Contact, Omron, etc.

### **Inginer Automatist - Electroalfa International**

Iasi | Inginerie | IT / Telecom

In perioada mai sus menționată am lucrat la Electroalfa International având funcția de inginer automatist. Am lucrat la proiecte de o dificultate medie având scopul de a realiza aplicații SCADA pentru proiectul BRUA alături de colegii mei, dar și programarea stațiilor de punere sub presiune a

gazului cu tot ce presupune. În acest timp ma ocupam și de o parte din ofertare pentru viitoarele lucrări.

### **Inginer Automatist - Gemini Cad Systems**

Iasi | IT Hardware | IT / Telecom

Imediat după terminarea studiilor am urmat un internship în cadrul firmei ieșene Gemini Cad Systems lași ce s-a concretizat cu o ofertă de muncă ca și inginer automatist. Am fost implicat în dezvoltarea de noi tehnologii în industria textilelor și a pielăriei.

Am participat activ la proiectarea soluțiilor hardware ce au ajuns să fie realizate ca și produse de serie. Munca mea a fost atât pe partea de proiectarea a diverselor scheme electrice soluții ce a implicat integrarea aparatelor diverșilor producători dar și implementarea acestora presupunând o muncă de electrician.

În final înainte de a trimite soluțiile realizate departamentelor ce se ocupau cu producerea lor în serie am urmat și o serie de teste cu aceste utilaje prototip. Astfel încât am putut urmări un proiect de la stadiul de idee, proiect, implementare până la un produs industrial vândut până în momentul de față în zeci de de unități.

69.

### **Junior SCADA Engineer - Eximprod Group**

Bucharest | Engineering | Energy

Contribute to development and maintenance of SCADA DMS/OMS

Support and train Power Dispatchers on Scatex+ Software

Troubleshooting

Commission tests for HV/MV Substations

SCADA System Configuration and matching databases

Mapping HV/MV Substation networks

EFACEC UC500

### **Intern - Eximprod Group**

Bucharest | Engineering | Energy

EFACEC Scatex+ DMS/OMS Platform

SCADA System Configuration

AWS Fundamentals: Going Cloud-Native, CCNA Routing&Switching

70.

### **Inginer SCADA - EFACEC Central Europe**

Bucuresti | Inginerie | IT / Telecom

Dezvoltare software SCADA, protecții și automatizări industriale. Punere în funcțiune protecții și automatizări industriale în zona Europei Centrale.

-Teste de acceptanță în fabrica pentru protecții, automatizări și control SCADA pentru Stația de Sistem TRANSELECTRICA Vetiș 220/110/20kV.

Sistemul de protectii, automatizari si control SCADA este format din :

- doua servere de date cu redundanta hardware ruland platforma SCADA UC500 EFACEC ;
- doua servere de control si monitorizare UC500 EFACEC, cu redundanta software;
- 25 unitati Bay Controller, BCU500, complet redundante;
- 17 bay controller si relee de protectie TPU S420;
- Relee de protectie Siprotec 4, Micom 4, TPU L420.

-Punerea in functiune a unui nou sistem de control si protectie in Statia de Sistem Tihau 220/110kV. Statia are o arhitectura poligonala pe nivelul de 220kV si sistem simplu de bare pe nivelul de 110kV. Statia este echipata cu un autotransformator 220/110kV. Sistemul de protectii contine relee numerice de protectie de distanta, 7SA612, relee numerice de protectie diferentiala, 7UT635, releu de protectie diferentiala de bara, 7SS522/523 si relee pentru teleprotectie Micom P841. Sistemul de automatizare si control este o platforma UC500 EFACEC.

#### **Uc500 TPU220 TPU S/L/TD 420**

#### **Inginer SCADA - SC Enevo Group SRL**

Bucuresti | Inginerie | IT / Telecom

Coordonare tehnica de proiecte in domeniul SCADA, studii energetice de reglare si coordonare protectii.

Am coordonat, dezvoltat si implementat Studiul de Coordonare al Protectiilor in platforma industrială de producere a otelului, Al Jubail Hadeed Steel, Regatul Arabiei Saudite. Studiul cuprinde 30 de statii electrice.

#### **Proiectare automatizari AutoCAD Studii energetice ETAP**

#### **Specialist SCADA - SAIP Automation (advanced partner Siemens)**

Targu-Mures | Inginerie | Prestari servicii

Configurare RTU la nivel de statie de transformare ( AK1703ACP, BC1703ACP, TM1703emic ) si comunicatii pe protocol industrial ( IEC61850 , 60870-101 , 60870-104 , DNP3 , MODBUS ), configurare si parametrizare relee de protectie numerice pentru celule de 110KV si 20KV ( Siemens 7SJ642 , 7SA632 , 7UT , ABB REF542+ , REF615 , REF630 ).

Am incheiat cu succes un contract de inginerie SCADA pentru CEZ in Galicea 110/20kV si unul in Emiratele Arabe Unite pentru TRANSCO Ruwais 400/220kV.

Cele mai bune recomandari de la clienti, Siemens UAE, Siemens Romania, CEZ, pentru indeplinirea eficienta a sarcinilor.

#### **SICAM 1703 Siemens**

#### **Specialist SCADA - SC Electro Alfa International**

Craiova | Inginerie | IT / Telecom

Configurare si parametrizare relee de protectie numerice in celule de 110KV si 20KV ( Siemens 7SJ642 , 7SA632 , 7UT , ABB REF542+ , REF615 , REF630 ) pentru protectie de distanta, protectie diferentiala, protectie homopolara sensibila etc. Configurare RTU la nivel de statie de transformare ( AK1703ACP ) si comunicatii pe protocol industrial ( IEC61850 , 60870-101 , 60870-104 , DNP3 , MODBUS ), SCADA in general.

Am realizat integrarea SCADA a statiilor de transformare 110/20KV Lupoaia , Corabia ,Viseu ,Iosia Oradea , FAI Iasi, Brezoi , Topoloveni , Patroaia , Basarabi , Barsesti , Valea Mare , intotdeauna in termenul stabilit si cu cele mai bune aprecieri din partea clientului.

**Siprotec4 Siemens ABB REF/RET600 series SICAM1703 Siemens**

**71.**

**Automation Engineer/Scada Coordinator - S.C. APA PROD S.A**

Deva | Service / Maintenance | Energy

- Supervision of the technological process through SCADA system.
- Monitoring water distribution system/pumping stations and sewage network.
- Computer hardware and software support (Setup, configure, and maintenance.)
- Coordination of the operative personnel according to the requirements of the process.
- Coordination and verification of hydraulic, electrical and mechanical manoeuvres.
- Plc programming, debugging.
- Participate in all crashes occurring in the system regardless of working time.

**72.**

**SCADA engineer - Adrem Automation**

**Protection and Automation Engineer - Transelectrica**

Brasov | Engineering | Administrative / Public Sector

Testing old and new protection and automation equipment.

Managing and updating procedures and instructions for the protection installations, in accordance with the quality standards.

Update equipment database for maintenance.

**ability to read and work with electrical diagrams ability to use software related to protection and automation relays for electrical grid**

**73.**

**SCADA Engineer - Eximprod Grup**

Bucharest | Engineering | Energy

Main responsibilities:

- Develop and edit databases for SCADA systems
- Synoptic drawing for Main Control Centers - for Electrica Distribution Muntenia Nord
- Configuring of field equipment used for data acquisition in SCADA projects (RTU and telecom equipment)
- Commissioning of scada systems for Transformation Points.
- Part of the team responsible with the integration of Red Nord dispatch software for National Distribution system of Republic of Moldova.

74.

#### **DCS-SCADA commissioning engineer - AREVA T&D FRANCE**

ABROAD | Engineering | Energy

- DCS/SCADA PACIS system configuration, HMI interface, LD functions, FBD logics, tests and commissioning of high and medium voltage substations:
  - Albania Durres Project-Berat, Elbasan and Porto Romano s/s 110/20kV, (AREVA France, Fichtner-Germany, Iberdrola-Spain, KESH-Albania).
  - South Pars, Iran 132/33/11 kV (AREVA France, DAELIM-South Korea).
  - Bell Air, Senegal -132/33/11 kV (AREVA France, SENELEC-Senegal).
  - Romania retrofitting 11 substations 220/110kV (AREVA France, Transelectrica Romania)
  - AXIS project, Romania-Roman Nord, Bacau and Suceava 400/110kV (AREVA Germany-Transelectrica)
  - Tariverde, Romania 400/110kV 600MW WINDFARM s/s (AREVA France, Transelectrica, CEZ-Romania)
  - Lacu Sarat, Romania 400/220/110/20/10 kV (AREVA France, Transelectrica-Romania)
  - Gutinas, Romania 110kV substation (AREVA France, Transelectrica-Romania)
  - Bashrah Irak –Garma, Harbou and Qurna 132/33/11 kV (AREVA France, Irak National Power Grid).
- Commissioning of Areva Air Insulated switchgear and GIS (Gas Insulated Switchgear), delivered in Europe, Middle East and Africa by Areva Switzerland.

**GIS, dcs**

75.

#### **inginer operator SCADA - SC APA CTTA SA**

Alba Iulia | Constructii / Instalatii | Constructii

**Stație Epurare -Operator SCADA,monitorizare echipamente , mentenanța echipamentelor,mentinarea stației in parametri chimici normali,echipa de 8 oameni in subordine**

**76.**

**programator PLC si SCADA - Lafarge Ciment**

Medgidia | IT Software | Constructii

-am facut programare PLC si SCADA in sisteme de automatizare Allen Bradley ,ABB, automatizari pentru procese tehnologice din industria cimentului

**77.**

**Inginer SCADA / Manager Proiect - Eximprod Grup**

Bucuresti | Inginerie | Energetica

- Coordonare proiect de proiectare si executie statii de transformare (110 kV, 20 kV) si retele electrice de medie si inalta tensiune pentru integrarea in sistemul energetic national a parcurilor fotovoltaice din comuna Ciorani – Racordare la RED 7 parcuri fotovoltaice 65 MW localitatea Ciorani;
- Coordonare acizitii si livrari echipamente si sisteme pentru statia de transformare 110/20 kV Baleni si retele electrice in cablu de medie tensiune – Racordare la RED parc eolian 50 MW Baleni (GDF Suez);
- Coordonator proiecte de implementare si integrare sisteme SCADA in statii electrice de transformare;
- Urmarirea livrabilelor si a lucrarilor in derulare / finalizate, realizarea documentatiei de facturare si elaborarea situatiilor de lucrari;
- Proiectarea de sisteme automate tip SCADA (Supervisory Control And Data Acquisition) in statii de transformare si distributie secundara;
- Asistenta tehnica la intocmirea ofertelor tehnice si comerciale;
- Integrarea si configurarea sistemelor SCADA, releelor de protectie si IED-urilor in PA/PT si statii electrice.

**AutoCAD eplan electric p8 digsi 4 winprot Digsi 5 Automation Studio Designer ANRE IVA ANRE IVB**

**78.**

**Maintenance Engineer /SCADA OPERATOR - ENVISAN NV Belgium**

Pitesti | Engineering | Oil / Gas



- Renewable - Waste to Energy Power Plant process control
- Energy production using low power counter pressure steam turbine (36 barg, 30T/h) with Leroy Somer 2MW alternator
- HMI based on Siemens WinCC with over 20.000 measuring points
- Coordinate field operator team on daily basis planned and unplanned maintenance
- Level, temperature and pressure control in more than 20 tanks of different volumes based on advanced PID regulators
- 16MW LNG/LFO burners control for startup
- Furnace temperature, air flow and combustion control using advanced PID/PI loops in order to achieve maximum steam capacity
- Exhaust gases control by bicarbonate and lime proportional dosing
- Utilities control (water demineralization, compressed air, power supply monitoring)
- POWER FAILURE and EMERGENCY SHUTDOWN plant control when occurred (starting GENSET, synchronizing Turbine alternator, following safety procedures )
- Commissioning instrumentation equipment installation (temperature, vibration, level, flow)
- Electronics boards debugging
- Supervise cable laying, test and connection
- Field operation when needed (draining drums, level checking, valves, motors, pumps, pneumatic actuators, frequency drives, heat exchangers maintenance work)
- Actuators calibration (pneumatic, hydraulic, electric)
- Instruments calibration (SCADA and local)
- Utilities maintenance (air compressors and blowers, well pumps, water treatment plant)
- General equipments manufacturers : Siemens, Netzsch, Nord, Atlas Copco, WEG, Deif, Schneider, Omron, Vacon, Toshiba, Spirax Sarco, Festo, etc.)

## **Introduction in Automation Studio**

**79.**

## **SCADA Electromechanical Engineering in Cluj - Napoca International Airport - UTI FACILITY MANAGEMENT**

Cluj-Napoca | Engineering | -

In Cluj - Napoca International Airport:

- monitoring the system HBS ( Baggage Handling System)
- to remedy defects appearing in the HBS
- elaboration of statistics in SCADA program
- servicing and maintaining System HBS

- performance testing System HBS
- maintenance, servicing and troubleshooting x-ray machines
- x-ray testing machines
- testing HBS System

80.

**Team Lead Power Supply SCADA maintenance - METROREX S.A,**

Bucharest | Service / Maintenance | -

Design, implementation, partial and final tests, deployment, maintenance and administration, upgrading of the SC

**Designer - Metroul S.A.**

Bucharest | Engineering | -

Seeking conceptual solutions (hardware and software) for SCADA for power supply systems. The result of the work was concluded with a bidding documentation.

81.

**Inginer Compartiment Monitorizare Procese (SCADA) - SC Compania Regionala de Apa Bacau SA**

Bacau | Inginerie | Prestari servicii

Monitorizarea si verificarea bunei functionari a Statiei de Tratare si de Epurare a apei in orasul Bacau prin sistem SCADA.

Detectii de trasee, pierderi de apa si video inspectii canale.

Salar motivant, bonuri de masa, telefon de servicii.

82.

**Inginer Sisteme SCADA - S.C. Efacec Central Europe Limited S.R.L.**

Baia Mare | Inginerie | -

Configurare sisteme de automatizare SCADA/DMS, teste de fabrica si teste de punere in functie la locatia clientului (statii electrice, PA-uri, PT-uri) – implementarea semnalelor cerute de client in bazele de date de server, RTU sau IED, lista de alarme, lista de evenimente, arhiva de masuri, interblocaje comenzi, desenare schema electrica a statiei cu pozitii, masuri, comenzi atasate, interblocaje in HMI, protocoale folosite – IEC 61850, IEC 60870-5-101 si 104, DNP3, Modbus; mentenanta la sistemul SCADA din Baia Mare

1. ICCP (Interconnectivity Command Centre Protocol)-protocol de comunicatie intre doua centre SCADA diferite
2. DMS (Distribution Management System)- management si monitorizare de la distanta a

*rețelei energetice de distribuție*

3. OSD (One Space Designer)-program de desenare profesional, Manager (baza de date), Modeling (modelare 3D), Annotation and Drafting (modelare 2D)

4. ATC: Certificat de absolvire AutoCAD 2002 nivelul II (2D și 3D) - Centrul de instruire Autodesk 2006 (TehnoCAD);

5. Atestat profesional - Certificat de competențe profesionale pentru limba engleză (2002).

83.

#### **Inginer SCADA - Danieli Engineering Rom**

Wonderware InTouch

Simatic WinCC 7

Delmia Automation

Copa-Data Zenon

Siemens PLC S7

84.

#### **Electrical and SCADA Manager - SC MDL Electro Concept SRL**

Bucharest | Engineering | Energy

Waste Water Treatment Plant of Plopeni and Campina, Prahova County.

SCADA : WinCC (Siemens), Visu+(Phoenix Contact) implementation and commissioning.

Low voltage design, PLC interface, Instrumentation calibration, Invertors configuration P&I.

Lead up to 8 people team.

Architecture and Network design: FO Ring Ethernet, PROFIBUS, ModBus, OPC.

Regional SCADA dispecer.

PLC programming WAGO, Phoenix Contact, Siemens.

Communication between different PLC/SCADA brands.

#### **PLC Visu+**

#### **Electrical and SCADA Site Manager - UTI**

Bucharest | Engineering | Energy

For CAO (Compania de Apa Olt) I implemented SCADA for Water Treatment Plant in 3 location:

Draganesti-Olt, Potcoava and Scornicesti.

For the drilling shaft field location (34 points), I use PLC (WAGO) to collect data and send them via GSM/GPRS to dispecer.

Into dispecer, SCADA (Schneider) receive informations and analyze them, in order to keep constant the level of watertank. The chlorination process are also monitorise in SCADA.

Site Manager Electrical and SCADA.

For CAS (Compania de Apa Someș) I was designing the automation electrical diagram, programming Siemens PLC (Step 7) and put all systems in SCADA (WinCC). The equipments are connected using a redundant ring fiber optic.

Lead up to 10 people team.

85.

**SCADA System engineer - SC Apa-Canal SA Sibiu**

Sibiu | Engineering | Environmental Protection

- industrial system engineer for SCADA automation
- industrial network (ModBus, ProfiBus, Ethernet, WI-FI 2,4 and 5 GHz) and GSM/GPRS,3G using and set skills

Siemens industrial HMI using and programming skills

power plant generator using and programming skills

simulation scenery for SCADA system

86.

**SCADA System Engineer - EMERSON**

Cluj-Napoca | Engineering | -

- Development of Functional Design Specifications;
- Development of System Design Specifications;
- Development of Test Specifications;
- Implement assigned software coding in accordance with the design requirements as detailed within the Functional Design Specifications and or System Design Specifications;
- Assist in the hardware assembly and unit testing of a control system network;
- Undertake system testing and report any defects in accordance with CQMS;
- Provide defect resolution;
- Provide project support and training on and off site;

Provide sales support on and off site;

- Provide general IT support;

**Engineer in Automation Systems - FAST EST**

Piatra Neamt | Engineering | -

Programming and implementing of software for automation systems.

-configuration of ESD (IO mapping,SCADA-PlantView and PLC-EloplI developing, configuration of the communication, technical assistance) for HIMA platforms.

-configuration of DCS (IO mapping, SCADA-WinCC and PLC-Step7 developing) for SIEMENS platforms

-FAT(Factory Acceptance Test) and SAT (Site Acceptance Test): power-on,logic test, loop test, modbus test.

-Commissioning and Start-up

-producing DCS/ESD technical design specification (DCS/ESD Simplified Typical Loops, DCS/ESD technical design specification, Client documentation check, InTools input).

87.

**inginer automatist - Siemens Srl**

Bucuresti | Inginerie | -

Automatizari in sectorul energetic.Parametrizare pentru achiziitii si transmisii de date, comanda control (SCADA), parametrizari relee de protectie Siprotec.

Softuri folosite: Sicam Pas, Sicam Pas CC, WinCC, Sicam 230, Sicam 1703,Digsi 4, Simatic S7-200(trainiguri de specialitate).

Protocoale utilizate: IEC 61850, IEC 60870-5-101, IEC 60870-5-103, IEC 60870-5-104, Modbus, Profibus.

Tipuri de conexiuni folosite: RS-232, RS-485.

Configurare HMI, conversii de protocol, control autoritate.

Configurare DCS, commissioning si mentenanta.

Parametrizare si punere in functiune a sistemului de anclansare automata a rezervei (AAR) pentru statii de medie tensiune.

Studierea documentatiei si crearea listelor de semnale conform cu caietul de sarcini.

Particip la puneri in functiune (commissioning),(FAT,SAT).

Proiecte incheiate in urmatoarele statii electrice (atat partea de inginerie cat si partea de punere in functiune):

-110/20KV Sf. Gheorghe;

-20/6KV Tr. Severin;

-110/6kV Constanta;

-400/220/110/20kV Urechesti;

-110/20kV Dumbravita;

-110/20kV Almaj;

-110/20kV Banovita;

-220/33kV Elixir2 Al Mirfa UAE (United Arab Emirates).

Parametrizarea retelei locale din statia electrica, configurarea switchurilor de retea.

Cunostinte solide in domeniul transportului de energie electrica.

Cunoasterea limbajului industrial IEC 61131 (FBD,SFC,LD,ST,IL).

Interpretarea schemelor electrice monofilare.

In unele proiecte preluam si atributiile managerului de proiect. Mentinem legatura atat cu beneficiarul, furnizorii cat si eventualii subcontractori pentru o cat mai buna desfasurare a proiectului si incadrare in termenul limita din contract.

#### **inginer automatist - Mediplus Exim SRL**

Bucuresti | Inginerie | -

Intretinerea unei benzi automatizate care face livrarea medicamentelor. Coordonarea echipei de electricieni si mecanici din cadrul departamentului tehnic, in vederea bunei functionari a benzii automatizate din cadrul firmei.Interventia pentru depanare in caz de nevoie. Comanda pieselor de schimb, realizarea necesarului de piese. Mentinerea relatiilor cu personalul firmei care a montat banda

#### **inginer automatist - Honeywell Garrett**

Bucuresti | Inginerie | -

Intretinerea liniilor industriale.

Liniile sunt formate din bancuri de montaj structurate succesiv, fiecare banc fiind coordonat de catre un PLC(automat programabil).

Exista legatura intre bancurile de productie. Fiecare piesa este verificata dupa codul de bare cand intra respectiv cand iese de la fiecare robot astfel incat cu ajutorul comunicatiei dintre PLCuri, toate informatiile sunt aduse la un PC care are instalat un software (Labview) pentru gestionarea tuturor informatiilor, existind astfel o trasabilitate totala a produselor.

In structura liniilor sunt PLC-uri Simens S5,S7,AllenBradley,Telemecanique,Sharp,Omron sisteme de control al deplasarilor pe axe lineare si rotative, roboti cu 3 axe, etc.

Exista pe unele linii sisteme de control cu verificare video (prelucrarea imaginilor pe PC)

Liniile sunt implementate cu tehnica ultimilor ani.

88.

#### **SCADA engineer - Eximprod Grup**

Bacau | Procurement | -

SCADA integration:

- HV/MV substation
- Transformation points
- Supplying points
- Reclosers and remote separators

89.

#### **Inginer SCADA - Compania de Apa Aries**

90.

#### **Operator SCADA - SC Vital SA**

Baia Mare | IT Software | IT / Telecom

91.

#### **Scada Operator - Yeo Valley LTD**

STRAINATATE | Automatizari | Productie

**SCADA** Operator (suport tehnic & monitorizare procese) Yeo Valley, Blagdon, UK În cadrul departamentului de automatizare și control procese, am activat ca **SCADA** Operator, fiind responsabil de monitorizarea, analiza și intervenția în timp real asupra fluxurilor de producție automatizate, în special în zonele

de blending, pasteurizare și ambalare. Rolul meu a fost esențial în asigurarea continuității proceselor, trasabilității produselor și siguranței alimentare. Responsabilități principale:

- Monitorizarea proceselor industriale prin sistemul **SCADA** (Supervisory Control and Data Acquisition), cu focus pe controlul parametrilor-cheie (temperaturi, presiuni, debite, cicluri de CIP/SIP) pentru echipamentele implicate în producția de iaurt.
- Analiza alarmelor și a mesajelor de sistem, urmărind identificarea rapidă a disfuncționalităților și colaborarea cu echipele de teren (blending, processing, mentenanță) pentru remedierea eficientă a problemelor.
- Asigurarea trasabilității digitale, prin urmărirea loturilor, rețetelor și modificărilor de proces, în conformitate cu cerințele BRC, ISO 22000 și HACCP.
- Controlul rețetelor și ciclurilor automate, incluzând activarea sau ajustarea secvențelor automate de amestec, pasteurizare, sau igienizare.
- Colaborare cu echipa de mentenanță și IT pentru testarea funcționalității interfețelor HMI și integrarea comenzilor între PLC-uri și rețeaua de control.
- Raportare zilnică privind activitatea sistemului, incidentele apărute și timpii de nefuncționare, cu focus pe prevenție și îmbunătățire continuă.
- Suport pentru operatorii de linie în interpretarea comenzilor **SCADA**, reglarea parametrilor și utilizarea corectă a echipamentelor controlate automat.

Competențe și tehnologii utilizate:

- Utilizare interfețe **SCADA** și HMI (ex. Siemens WinCC, AllenBradley – în funcție de sistemul intern Yeo Valley).
- Cunoștințe de bază despre arhitectura PLC și rețele industriale.
- Înțelegerea completă a fluxurilor de proces automatizate în industria lactatelor.

- Familiaritate cu alarme, logică de control, diagrame de proces (P&ID) și sistemele de backup/restaurare **SCADA**.
- Respect strict al standardelor de siguranță, igienă și calitate alimentară (GMP, BRC, ISO 22000).

Realizări notabile:

- Am contribuit la reducerea timpilor de oprire prin diagnosticarea rapidă a anomaliilor de proces în **SCADA**.
- Am oferit training informal operatorilor din blending și processing în utilizarea corectă a sistemului **SCADA**.
- Am susținut implementarea de mici îmbunătățiri (optimizări în rețete automate, timpi de CIP) cu impact pozitiv asupra eficienței liniei.

92.

### **SCADA** Operative - GXO Logistics (UK, Barnsley)

| Automatizari | Transport / Logistica / Import - Export

Am lucrat ca **SCADA** Operative la GXO Logistics, avand responsabilitati ce au inclus monitorizarea si optimizarea operatiunilor din depozit prin intermediul tehnologiei avansate **SCADA**. Rolul a presupus colaborarea cu diverse departamente pentru a asigura fluxuri logistice fara intreruperi si pentru a imbunatati eficienta operationala. Implicarea constanta in testarea de acceptanta a utilizatorului (UAT) a facilitat integrarea noilor sisteme software, asigurand o tranzitie fara perturbari si maximizarea productivitatii.

- am contribuit la o crestere de peste 10% a eficientei operationale prin utilizarea sistemelor **SCADA**.
- am colaborat cu toate departamentele depozitului pentru optimizarea proceselor logistice, ceea ce a dus la cresterea satisfactiei clientilor.
- participare la initiative de rezolvare a problemelor legate de automatizare, imbunatatind fiabilitatea sistemului.
- oferirea de suport IT si instruire, sprijinind configurarea hardware-ului, constientizarea privind phishing-ul si protocoalele de securitate pentru e-mail. Am dobandit experienta practica in operatiunile IT zilnice, alaturi de echipa IT.



- implicare alaturi de echipa UAT (User Acceptance Testing) pentru implementarea de noi schimbări software destinate sortării coletelor.

**93.**

### **Automation Engineer - Continental Anvelope Timisoara**

Timisoara | Inginerie | Masini / Auto

Support departament mentenanta;

Support pentru dezvoltarea proiectelor noi;

PLC & HMI update and troubleshooting;

Dezvoltare de proiecte noi si upgrade pentru sistemele vechi.

### **Automation Engineer - Diferite contracte**

Brasov | Automatizari | Constructii

**SCADA** and PLC Commissioning Engineer

SAT, FAT, Commissioning - Activitate in proiecte diferite pe baza de contract.

**Automatizari Siemens wago zenon tia portal Inginerie electrica pilz commissioning**

### **Inginer Automatist - Preh Romania**

Brasov | Automatizari | Masini / Auto

**Mentenanta WinCC WinCC Flexible Profibus Programare PLC hmi Siemens Simatic Step 7 tia portal Ladder Diagram**

### **Inginer Automatist - Kuka Systems**

Sibiu | Inginerie | Masini / Auto

**Step 7 wonderware intouch Scanner mentenanta software si hardware sensors and transducers**

### **Inginer Automatist - ICCO ELECTRIC**

Brasov | Inginerie | Energetica

**AutoCAD Programare PLC siemens step 7 eplan electric p8 capacitatea de planificare**

**Capacitatea de organizare si coordonare Statii electrice de transformare Easy-soft - Eaton**

**Scada** Electrical

**Certificari:**

ISTQB Foundation Level

QA Manual & Automat Tester(Training-ul a avut loc din noiembrie '22 până în mai '23 în cadrul Azimut Vision.

Am învățat cum să folosesc instrumente precum Jira, Markdown și altele pentru a crea un caz de testare și pentru a urmări progresul testelor.

Folosim IntelliJ Idea, Java, Selenium, Cucumber, Maven, Gherkin, SQL, Xpaths, Git. La final am folosit tot ce am învățat într-un proiect pentru Testarea automată a unei pagini web, proiectele au fost salvate în Git.)

94.

### **Operation Manager, SCADA & Electrical Engineer. - CGN Europe Energy**

ABROAD | Engineering | Energy

Plan and review compensation actions; enforcing policies and procedures

Analyze process workflow, employee and space requirements and equipment layout; implement changes

Maintain safe and healthy work environment by establishing, following and enforcing standards and procedures; complying with legal regulations

Meet or exceed operations labor budget expectations

Develops electrical and SCADA optimizations to improve the reliability of plants

High level support of technical team about electrical issues

High level support of technical team about communication and network issues.

### **SCADA & Operations Engineer - CGN EE Europe Energy, Paris, France**

ABROAD | Engineering | Energy

Design, commissioning and maintenance of automated systems for the control and monitoring of wind and solar parks,

Coordination and training of operation and maintenance teams; providing the necessary materials for the interventions,

Preventive and curative maintenance of medium voltage networks for distribution stations and substations 20kV / 38kV / 70kV,

Preventive and corrective maintenance of communication and SCADA Networks,

Technical support for wind preventive and curative maintenance of Servion, GE, Enercon,

Nordex and Vestas wind turbines,

On-call Service: Overhead wind and medium and low voltage networks, remote troubleshooting, reporting off intervention teams,

### **Electrical Maintenance Engineer - Maïa Eolis, Lille, France**

ABROAD | Engineering | Energy

Design, installation and maintenance of automation systems for the control and monitoring of wind farms,

Preventive and corrective maintenance of Senvion wind turbines MM80 and MM92,

Preventive and corrective maintenance of electrical HV / LV networks for delivery stations and substations,

Preventive and corrective maintenance of communication and SCADA networks,

On Call Service: Monitoring and Troubleshooting MV / LV Networks and wind farms,

Management the maintenance stock's: orders, invoices (SAP);

**SEE Elctrical Expert Drawing's SEE Elctrical Expert Drawing's Technical support locally and remotely coordination and project management Team Management**

95.

### **Mechanical Engineer & SCADA Project Supervisor - PETROTRANS**

Ploiesti | Oil / Gas | Oil / Gas

I was part of the team that had to implement the SCADA project for the transport of finished petroleum products through pipelines.

Daily jobs according to my engineering diploma:

- Evaluates mechanical and electromechanical systems and products by designing and conducting research programs; applying principles of mechanics, thermodynamics, hydraulics, heat transfer, and materials.
- Develops mechanical and electromechanical products by studying customer requirements; researching and testing manufacturing and assembly methods and materials; soliciting observations from operators.
- Develops manufacturing processes by designing and modifying equipment for fabricating, building, assembling, and installing components.
- Assures system and product quality by designing testing methods; testing finished- product and system capabilities; confirming fabrication, assembly, and installation processes.
- Prepares product reports by collecting, analyzing, and summarizing information and trends.
- Provides engineering information by answering questions and requests.

- Maintains product and company reputation by complying with government regulations.
- Keeps equipment operational by coordinating maintenance and repair services; following manufacturer's instructions and established procedures; requesting special services.
- Contributes to team effort by accomplishing related results as needed.

**96.**

### **Specialist Engineer - SIEMENS SRL, Bucuresti**

Targu-Mures | Inginerie | Energetica

- Responsabil de Proiectarea, Executarea, Testarea și Punerea în Funcțiune a echipamentelor de Control și Monitorizare **SCADA** , inclusiv a rețelei de comunicații și a echipamentelor anexe din sistemul informatic.
- Responsabil de executarea lucrărilor de Engineering și Managmentul proiectelor in diferitele faze ale acestora in contact direct cu clientul final (Pre-FAT, FAT, SAT).
- Optimizarea sistemului **SCADA** in vederea imbunătățirii stabilității sistemului, a experienței utilizatorului și a creșterii performanței sistemului informatic.
- Responsabil de întocmirea de rapoarte de activitate, instrucțiuni și documentații de operare și utilizare, proceduri operaționale, fișe tehnologice pentru echipamente.
- Intocmirea rapoartelor de non-conformitate apărute pe parcursul etapelor desfășurate pe proiect si găsirea unor soluții optime si rapide pentru buna funcționare a sistemului până la remedierea problemelor ivite inopinant in tot procesul.
- Familiarizat in aceasta perioadă cu echipamentele/softurile industriale Ruggedcom, SIPROTEC 5, SICAM A8000 RTU, Meinberg / Sicam Device Manager, OPM ToolBox II și SCC+WinCC.

**97.**

### **Inginer Automatist - FrieslandCampina**

Targu-Mures | Automatizari | Alimentara

- Responsabil cu implementarea tehnologiilor și soluțiilor de digitalizare a fabricii în vederea creșterii indicatorilor KPI, a randamentului liniilor de producție și scăderea costurilor de producție și mentenanță efectivă.
- Integrarea de soluții de contorizare folosind tehnologiile industriale 4-20mA și IO-Link IFM în vederea eliminării erorilor umane de citire a valorii măsurate.
- Mentenanța și calibrarea unor mari varietăți de senzori pe liniile de producție ( presiune, temperatura, nivel, conductivitate, umiditate, vibrații, poziție, etc.) cu comunicație IO-Link sau HART.
- Configurarea echipamentelor industriale (convertizoare frecvență Danfoss și Siemens, convertoare seriale ICP Con, traductoare de temperatură, contoare digitale cu comunicație MODBUS, automate programabile, etc.)
- Calibrare valve pneumatice Samson, electrice și hidraulice, actuatoare
- Troubleshooting și reconfigurare logică a PLC-urilor Siemens & Omron cu comunicație ProfiNet, ProfiBus, etc.
- Familiarizat in aceasta perioadă cu echipamentele/softurile industriale SIEMENS (TIA PORTAL), IFM (MONEO), Danfoss, SMC, Endress + Hauser, FESTO, Rejector produse neconforme FTSsystem,etc.

## **WinCC WinCC Flexible Profibus Programare PLC hmi Siemens Simatic Step 7 tia portal Ladder Diagram**

98.

### **Inginer Automatist - CNE**

Cernavoda | Automatizari | Energetica

Mentinerea configuratiei de exploatare la zi cu documentatia.

Documentarea modificarilor de proiect.

WinCC Flexible Profibus **Scada** Programare PLC Siemens Simatic Step 7 tia portal pid instrumentation siemens tia portal

### **Inginer Automatist - Saint Gobain Iover**

Ploiesti | Specialisti / Tehnicienii | Constructii

Interventii accidentale si preventive.

**SCADA** Wincc, Tia Portal si Step 7.

### **PLC Programmer - Coskunoz MA**

Dragasani | Automatizari | Masini / Auto

PLC SIEMENS, Roboti KUKA, masini de sudura OBARA, prese ambutisaj FAGOR.

Mentenanata accidentala si preventiva.

Modificari/adaugiri in programe conform cerintelor.

### **Automation Engineer - Prysmian**

Slatina | Inginerie | Productie

Tia Portal PLC and Step 7 programmer - development and change the actual programs.

Preventive and accidental maintenance for extrusion line - Cerrini, Nextrom, Rosendahl.

Integration/comissioning new machines on the lines. I prepare KPI and analysis for breakdown time. I keep under control electrical spare parts.

### **Plc programmer - Hella**

Lugoj | Inginerie | Masini / Auto

Step 7, TIA PORTAL, E-Plan, pneumatics, Cognex, Keyence, GXWorks and GXDeveloper..

### **Automation Engineer - Maintec Service SRL-Krones AG**

STRAINATATE | Inginerie | Alimentara

Commissioning...

ASi networks - programming and setup for/with: Bihl&Widemann Master Profibus DP Gateway and Analog Module, B&H ASi Master with integrated Safety Monitor, IFM Master and Slaves, Peper Fuchs modules and programmer, ASi Mon software.

Profibus DP networks - wirings, programming and fault finding for Siemens devices: DP/DP Coupler, ET 200, Repeter... Troubleshooting - Tester PBT4.

Profinet networks - wirings, setup and fault finding; Scalance, Danfoss inverter FC302, ASi master with 2 port of Profinet from B&W...

S7 300 family: wirings, setup and fault findings.

### **Inginer automatist si SCADA - Compania de Apa Olt**

Slatina | Inginerie | Protectia mediului

Supraveghere si continua imbunatatire a procesului de epurare a apelor uzate orasenesti.

Lucrari de mentenanata accidentala si preventiva la echipamente ale firmei separatoare si ingrosatoare mecanice Hubber, separatoare Gea Westfalia, AWT, suflante Aerzen, senzori de PH, turbiditate, amoniu, nitrat si oxigen dizolvat Endress & Hauser, pompe ABS, Netzch si Wilo echipamente Di Tech...

Intretinerea si imbunatirea solutiei de automatizare/SCADA construite in jurul S7 300 + WinCC Flexible, in functie de cerinte impuse de evolutia procesului.

P&ID.

99.

### **SCADA Engineer - Bartec Safety Engineering Romania**

Bucuresti | Inginerie | Energetica

- Configuration of communication networks for **SCADA** systems, using the following communication protocols: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus
- **SCADA** system configuration, UP and DOWN communication
- Familiarization with the following software used to configure Protection relays : Easergy Pro (Schneider); PCM (ABB); Digsig (Siemens) software to integrate transformer stations or transformer posts into **SCADA**
- **SCADA** commissioning and relay protection on-site acceptance test
- Participation in numerous on-site works, responsible for the configuration of HMIs related to transformer panels and electrical substations

### **Inginer - EXIMPROD GRUP SA**

Bucuresti | Inginerie | Energetica

- **SCADA** system configuration, UP and DOWN communication, configuration on UC 500 (EFACEC platform)
- Testing of reclosers and disconnector on power lines.
- Testing and integration of relays on transformation posts.
- Integration and configuration for dispatching using the ScateX platform
- Configuration of communication networks for **SCADA** systems, using the following communication protocols: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus
- Participation in numerous on-site works, responsible for the configuration of RTUs and HMIs related to transformer panels and electrical substations

### **Inginer - CNAIR SA**

Bucuresti | Inginerie | Constructii

- Processing in GIS, data storage and analysis for updating the road management system
- Preparation of technical reports issued based on the parameters collected in the field for the reception of the works
- Follow-up and monitoring procedures over time

**AutoCAD Microsoft Office solidworks 3d**

## **Inginer - SC Eximprod Grup SA**

Bucuresti | Inginerie | Constructii

- **Scada** configuration for dispatch (Scatex platform);
- **Scada** system communication networks, communication, protocols used: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus;
- Configuration of the RTU database, HMI database and synoptic;

## **Inginer - SC IMSAT SA**

Bucuresti | Inginerie | Constructii

- Responsible for the design, execution, configuration of the system and the detection center
- Making the necessary connections for the implementation of security systems according to the projects
- Installation and commissioning of security systems (detection, access control, burglar alarm)
- Warranty and post-warranty service activities
- Management of customer complaints

**100.**

## **Substation Control System Engineer (SCADA) - ABB AG / HTS**

ABROAD | Engineering | -

- Configuration and full commissioning of ABB MicroSCADA software (Protection and Control Integrated System), System installing, network communication – Fiber Optics Dual Ring, SCADA communication through 61850 protocol, HMI design and development, testing of commands and signals from circuit breakers, disconnectors and earthing switches, , testing and correcting the wiring in power supply cubicles, configuring the database according to the customer requests, for 66/11kV ABB substation - Barwa Financial District project (part of Qatar Petroleum District Project)

## **PLC / SCADA Engineer - Degremont / Assystem France**

ABROAD | Environmental Protection | Environmental Protection

Doha / Qatar

Doha West Sewage Treatment Plant - WASTEWATER TREATMENT AND RECYCLING PLANT , Annexure 3 Extension 1

- PLC software upgrade for Annexure 3 ext.1 - redundant GE IP - Rx3i PLC, redundant Genius networks using Proficy Machine Edition
- GE IP - Proficy HMI/SCADA - Simplicity Redundant Servers –application upgrade for Annexure 3 Extension 1
- HMI - Quick Panel View 15" application upgrade & redesign
- Siemens S7-300 - Sand Filters CPU's 317 -2DP software redundancy development



## **APPLICATIONS ENGINEER - Industrial Automation - Electroechipament Industrial Resita -**

### **Timisoara Office**

Timisoara | Engineering | -

2002 -2007 APPLICATIONS ENGINEER in Industrial Automation Department of Electroechipament Industrial Reșița, Timișoara branch;

- o PLC programming GeFanuc, experience in ladder diagram and scripts for Ge FANUC & Horner PLC - VersaPro , Cscape , Proficy Machine Edition, programming Ge Fanuc, Horner & Proface Panels HMI - GP Pro (Proface HMI Software) and Proficy Machine Edition, SCADA - Cimplicity HMI, distance monitoring (WEB portal) - Proficy Real Time Information Portal , databases - Microsoft SQL and GE Fanuc Proficy Historian
- o Design and maintenance of industrial networks - TCP/IP , MODBUS RTU, CS CAN
- o Applications development regarding thermal control of hidrogenerator in over 15 hydro power plants in Romania and implementation on the field keeping the deadlines imposed by the beneficiary
- o Design, execution coordination and put in service of full automation of CHE Subcetate (Hateg) and CHE Poiana Teiului (Piatra Neamt) power plants
- o Design and application development of Distance Monitoring (WEB PORTAL) of CHE Rucienii on Hidroelectrica headquarter , Caransebes , using Real Time Information Portal - GE Fanuc
- o Design, execution and software development of thermal control, turbine and generator equipments systems of CINE power plant, Turkey
- o Coordination of electrical team on the field

#### **RESPONSIBILITIES:**

- o design of different automation systems (electric circuits, hardware configuration, network configuration - if it is necessary - , develop documentation of automation system)
- o development of PLC , panels and PC Scada software ( with GE Fanuc hardware and software)
- o coordination of electrical team
- o put in service of automation systems
- o keep in touch with customers and clients

#### **OTHERS :**

- 2006 - Trainer - Course: introducing in GE Fanuc hardware and software PLC's and HMI Panels at General Equipment Automation Timișoara ( Authorized Unique Distributor of GE Fanuc for the territory of Romania)
- 2005 - Trainer - Course: introducing in GE Fanuc hardware and software PLC's and HMI Panels at Washington E&C Romania , Bucharest
- 2003 - Trainer - Course: introducing in GE Fanuc hardware and software PLC's and HMI Panels at Hidroelectrica SA , Rm.Valcea headquarter



### SCADA System Engineer

Yokogawa Cu normă întreagă

sept. 2019 - mar. 2022 · 2 ani 7 luni

Bucharest, Romania

Functional and technical design of systems.

Design of hardware and software configurations.

Implementation of modifications and as-built processing.

Compilation of customer and internal documentation

SCADA design, programming and configuration tasks on the basis of Conceptual Design information and

implementation of functions and interfaces to Yokogawa and third-party systems.

Site work, up to and including the Site Acceptance Test (SAT).

♥ Troubleshooting

## Experiență



### HMI SCADA Engineer

SMS group Cu normă întreagă

nov. 2023 - Prezent · 2 ani

Bucharest, Romania



### Grupul CEZ în România

Cu normă întreagă · 3 ani 5 luni

Pitești, Argeș, Romania



#### Scada Engineer

sept. 2022 - aug. 2024 · 2 ani

110/20kV EMS/ DMS SCADA



#### Electrical Engineering Specialist

apr. 2021 - sept. 2022 · 1 an 6 luni

Maintain power grids design components for the grid, architectures for the grid, and devices that either supply power to the grid or draw from it.

---

## Experiență



### SCADA Engineer

DACOM IMPEX Cu normă întreagă  
aug. 2024 - Present · 1 an 3 luni  
București, România · La fața locului

---



### Scada Engineer

Thales · Full-time  
Oct 2020 - Present · 4 yrs 5 mos  
București, România · Hybrid

 helped me get this job

Integration engineer using python, bash, docker.

Both English and French language is used for interaction with customer.

#### Achievements:

- Integration simulator (python) with HMI– simulate events for train circulation with rest api communication
- Integration simulator (python)– simulator to count the number of passengers flow with communication with rest api servers
- I/O collector HMI configurator (python ,bash) - configure rest api microservices
- Cable measurements using Navisworks for 3D metro station model 6 month experience.



## **DFR Systems SRL**

Full-time · 12 yrs 7 mos

### **Lead Automation Engineer**

Dec 2015 – Oct 2020 · 4 yrs 11 mos

Bucharest, Romania

Automation design for waste water treatment plants.

Execution of electrical & automations systems ,service and technical support to customers , which implied frequent travel to customer sites. SCADA systems for waste water plants, GPRS data communication.

My best projects serve:

Desinfection plant at Orthopedic hospital Foisor Bucharest, among many other waste water treatment plants.



## **Automation, Protection & SCADA Engineer**

Eplus Automation · Full-time

Sep 2020 – Present · 4 yrs 6 mos

Craiova, Dolj, Romania

The roles and responsibilities -

- Developing technical solutions for SCADA Systems.
- Coordination with the end customer to understand and fulfill project requirements.
- Integration of all numerical relays with IEC 61850, IEC 60870-5-103, IEC 60870-5-104, DNP3 protocols, and Modbus communication protocol with IDS/ SIEMENS RTU.
- Configuration(Programming) and testing of IDS 850/750 RTUs.
- Configuration(Programming) and testing of Phoenix Contact VISU+2 SCADA System.
- Conduct Site Acceptance Test with the end customer.
- Troubleshoot the networking issues and programming issues.
- Design review and modifications on-site for communication networks and design schematics.
- Configuration(Programming) and testing of Numerical relays from manufacturers like SIEMENS, ABB, Alstom, Schneider, GE, and Trench.
- Panel design using ACAD and EPLAN.



## **Scada Engineer**

**BARTEC**

Aug 2024 - Present - 7 mos

București, România

- Configuration of communication networks for SCADA systems, using the following communication protocols: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus
- SCADA system configuration, UP and DOWN communication
- Familiarization with the following software used to configure Protection relays : Easergy Pro (Schneider); PCM (ABB); Digsig (Siemens) software to integrate transformer stations or transformer posts into SCADA
- SCADA commissioning and relay protection on-site acceptance test
- Participation in numerous on-site works, responsible for the configuration of HMIs related to transformer panels and electrical substations



## **Automation Engineer SCADA**

S.C Conpet S.A

Apr 2007 - Jun 2014 · 7 yrs 3 mos

- Ensure proper training is performed for specialized staff of automation and operators of dispatching stations.
- Ensure maintenance activities and accidental intervention SCADA and PLC equipment (RTU211 and RTU232 ABB) are done as per approved schedule.
- Supervise contractors involved in the execution of works to upgrade the system to ensure compliance with the draft technical standards and procedures approved;
- Analyzing the technical documentation of equipment:
- Checking consistency of documentation and equipment, compliance with the rules and regulations in force
- Participant to commissioning and reception facilities, ensuring compliance with technical documentation
- Participant to receive final approval of the minutes;
- Supervise contractors involved in the execution of modernization so as to ensure compliance with the draft technical standards and procedures approved;
- Develop specific technical guidelines on the operation of facilities:
  - > technical documentation-collection facilities
  - > create exploitation sheets and operating instructions installations by acquiring their content-follow operating personnel

💡 **Interpersonal Communication, Energy Industry and +2 skills**



**Bine ati venit!**





## **Senior Electrical Instrumentation and Automation Engineer**

MTAG Switzerland AG · Full-time

Aug 2020 - Nov 2020 · 4 mos

Bucharest, Romania · On-site

- Design automation system:
  - System Architecture
  - PLC and HMI
  - Field network, supervising network
- Electrical design (Eplan):
  - Power Cabinets
  - Automation Cabinets
- Instrumentation
  - Process instruments (pressure, vacuum, flow, temperature)
- Supervising the execution of the electrical cabinets
- Inverters VFD settings (Siemens – Sinamics G family)
- PLC programming (TIA Portal - Siemens S7 1500)
- HMI Design (WinCC TIA Portal)











## 1. 3809864

### inginer **SCADA** - sef tura - Statia de epurare ape uzate menajere - Compania Regionala de Apa Bacau

Bacau | Protectia mediului | Protectia mediului

- coordonarea activității de exploatare a Stației de Epurare;
- supravegherea și îndrumarea personalului din subordine pentru urmărirea și reglarea, în mod sistematic, a procesului tehnologic de epurare mecanobiologică a apelor uzate și pluviale în condiții optime de funcționare;
- utilizarea eficientă a resurselor atribuite (energie electrică, polimeri lichizi și solizi, clorură ferică, etc) în vederea încadrării în consumurile specifice;
- operarea proceselor tehnologice din cadrul Stației de Epurare a apei uzate cu ajutorul **SCADA** pe linia apei, a nămolului și a biogazului;
- monitorizarea bunei funcționări a echipamentelor **SCADA** prin:
  - vizualizarea procesului,
  - funcții centralizate de monitorizare (**SCADA**),
  - funcții centralizate de conducere a procesului de epurare,
  - alarme,
  - raportarea parametrilor referitori la debit nămol și umidități nămol, la debit apă, la debit soluție polimer (electronic și scriptic) și comunicații prin rețeaua informatică
- supravegherea funcționării utilajelor din dotarea Stației de Epurare
- realizarea programelor operative de lucru privind remedierea avariilor transmise la **SCADA** prin alarme activate
- responsabilitatea încadrării indicatorilor de calitate ai apelor epurate, deversate în emisar, în limitele de calitate prevazute de normativele în vigoare, respectiv NTPA 001 / 2005 și Autorizația de Gospodărire a Apelor (și consemnate în evidența primară a Stației de Epurare).

2. #ID 3967350

## **Blending Department Team Leader - Yeo Valley LTD**

STRAINATATE | Productie | Productie

Lead Operator – Blending Department Yeo Valley, Blagdon, UK

În calitate de Lead Operator în departamentul de Blending, coordonez activitățile zilnice legate de prepararea amestecurilor pentru iaurt, asigurând eficiența operațională, calitatea constantă a produsului și respectarea standardelor stricte de siguranță alimentară. Rolul meu implică o combinație de responsabilități tehnice, administrative și de leadership, având un impact direct asupra fluxului de producție și a performanței echipei.

Responsabilități principale:

- Coordonare de echipă: Planific și supervizez sarcinile operatorilor de blending, oferind sprijin tehnic și organizând rotațiile pentru a menține productivitatea și calitatea.
- Controlul rețetelor: Mă asigur că toate amestecurile sunt realizate cu acuratețe conform fișelor de producție, prin dozarea exactă a ingredientelor (lapte, fructe, îndulcitori, arome, culturi lactice, etc.).
- Operare echipamente industriale: Supervizez funcționarea liniilor de blending (mixere, rezervoare, pompe, valve automate), precum și sistemele **SCADA**/HMI utilizate pentru monitorizarea proceselor.
- Monitorizare parametri de proces: Verific constant valorile critice (temperatură, viteză de amestecare, timp de retenție), identific orice abatere și intervin prompt pentru a preveni pierderile sau neconformitățile.

- Colaborare interdepartamentală: Comunic activ cu echipele de quality, processing, SCADA, warehouse și maintenance pentru a asigura o producție continuă și fără întreruperi.
- Formare și mentorat: Instruiesc operatorii noi în procesele de blending și în regulile de igienă, siguranță și calitate, contribuind la dezvoltarea lor profesională.
- Asigurarea standardelor: Mă asigur că toate procedurile de igienizare CIP/SIP sunt respectate și că echipamentele sunt întreținute conform planurilor de mentenanță preventivă.
- Raportare și documentare: Completez rapoartele de producție, loturi, incidente și monitorizări zilnice, contribuind la trasabilitatea completă a produselor.
- Îmbunătățire continuă: Identific oportunități pentru optimizarea timpului de producție, reducerea deșeurilor și creșterea eficienței liniei de blending.

#### Rezultate și realizări:

- Contribuție semnificativă la menținerea unui nivel ridicat de conformitate BRC și HACCP în audituri interne și externe.
- Reducerea timpilor de oprire prin intervenții prompte și colaborare eficientă cu echipa SCADA și tehnicienii de mentenanță.
- Formare și integrare cu succes a mai multor colegi noi în cadrul echipei, crescând autonomia acestora și reducând rata erorilor în blending.

2 —

Scada Operator - Yeo Valley LTD

STRAINATATE | Automatizari | Productie

SCADA Operator (suport tehnic & monitorizare procese) Yeo

Valley, Blagdon, UK În cadrul departamentului de automatizare și

control procese, am activat ca SCADA Operator, fiind responsabil de monitorizarea, analiza și intervenția în timp real asupra fluxurilor de producție automatizate, în special în zonele de blending, pasteurizare și ambalare. Rolul meu a fost esențial în asigurarea continuității proceselor, trasabilității produselor și siguranței alimentare. Responsabilități principale:

- Monitorizarea proceselor industriale prin sistemul SCADA (Supervisory Control and Data Acquisition), cu focus pe controlul parametrilor-cheie (temperaturi, presiuni, debite, cicluri de CIP/SIP) pentru echipamentele implicate în producția de iaurt.
- Analiza alarmelor și a mesajelor de sistem, urmărind identificarea rapidă a disfuncționalităților și colaborarea cu echipele de teren (blending, processing, mentenanță) pentru remedierea eficientă a problemelor.
- Asigurarea trasabilității digitale, prin urmărirea loturilor, rețetelor și modificărilor de proces, în conformitate cu cerințele BRC, ISO 22000 și HACCP.
- Controlul rețetelor și ciclurilor automate, incluzând activarea sau ajustarea secvențelor automate de amestec, pasteurizare, sau igienizare.
- Colaborare cu echipa de mentenanță și IT pentru testarea funcționalității interfețelor HMI și integrarea comenzilor între PLC-uri și rețeaua de control.
- Raportare zilnică privind activitatea sistemului, incidentele apărute și timpii de nefuncționare, cu focus pe prevenție și îmbunătățire continuă.
- Suport pentru operatorii de linie în interpretarea comenzilor SCADA, reglarea parametrilor și utilizarea corectă a echipamentelor controlate automat.

Competențe și tehnologii utilizate:

- Utilizare interfețe SCADA și HMI (ex. Siemens WinCC, AllenBradley – în funcție de sistemul intern Yeo Valley).
- Cunoștințe de bază despre arhitectura PLC și rețele industriale.
- Înțelegerea completă a fluxurilor de proces automatizate în industria lactatelor.
- Familiaritate cu alarme, logică de control, diagrame de proces (P&ID) și sistemele de backup/restaurare SCADA.
- Respect strict al standardelor de siguranță, igienă și calitate alimentară (GMP, BRC, ISO 22000).

Realizări notabile:

- Am contribuit la reducerea timpilor de oprire prin diagnosticarea rapidă a anomaliilor de proces în SCADA.
- Am oferit training informal operatorilor din blending și processing în utilizarea corectă a sistemului SCADA.
- Am susținut implementarea de mici îmbunătățiri (optimizări în rețete automate, timpi de CIP) cu impact pozitiv asupra eficienței liniei.

2 —

### **Processing Operator - Yeo Valley LTD**

STRAINATATE | Productie | Productie

Operator Processing – Departamentul Iaurt Yeo Valley Ltd, Blagdon, UK În cadrul departamentului de Processing, am fost responsabil de operarea și supravegherea proceselor tehnologice esențiale pentru producția iaurtului, asigurând respectarea strictă a parametrilor de calitate, igienă și siguranță alimentară.

OPERARE EXCEL NIVEL 1

ABSOLUT SCHOOL

FOOD HYGIENE - LEVEL 2

STAND ON TRUCK DRIVER

YEO VALLEY LTD

**SCADA** Operator

YEO VALLEY LTD

Processing Operator

Activitatea mea a implicat lucrul direct cu echipamente specializate, monitorizarea proceselor automatizate și colaborarea cu echipele de laborator, quality control și blending.

Responsabilități principale:

- Pregătirea și tratarea termică a laptelui crud, inclusiv pasteurizarea, omogenizarea și răcirea, în conformitate cu



standardele de siguranță alimentară și specificațiile produsului final.

- Operarea echipamentelor industriale precum pasteurizatoare, omogenizatoare, rezervoare de fermentare și sisteme de răcire controlate prin SCADA/HMI.
- Adăugarea culturilor lactice în faza de fermentație, cu respectarea strictă a temperaturii, timpului și condițiilor de proces pentru a asigura consistența și gustul iaurtului.
- Monitorizarea continuă a parametrilor critici de proces (ex. temperatură, presiune, durată de incubare), cu ajustări manuale sau prin sistemul automatizat în funcție de necesități.
- Prelevarea de probe pentru verificări microbiologice și fizicochimice, în colaborare cu laboratorul intern, pentru a garanta conformitatea fiecărui lot.
- Întreținerea igienică a instalațiilor prin aplicarea riguroasă a procedurilor CIP/SIP și respectarea normelor BRC, GMP și HACCP.
- Comunicarea eficientă cu echipele din blending, SCADA și ambalare, pentru a asigura un flux de producție neîntrerupt și fără pierderi de materie primă.
- Documentarea activității zilnice în registrele de producție și rapoartele de calitate, cu focus pe trasabilitate, conformitate și îmbunătățire continuă.

Competențe dobândite:

- Cunoștințe solide despre procesele tehnologice din producția iaurtului industrial.
- Operare și intervenție asupra echipamentelor de proces și

sistemelor **SCADA**.

- Înțelegerea fluxurilor de producție alimentară, din faza de prelucrare a laptelui până la etapa de fermentare.
- Aplicarea regulilor de igienă și siguranță alimentară conform standardelor internaționale.
- Abilități de lucru în echipă și comunicare interdepartamentală.

Realizări:

- Am contribuit la menținerea unor parametri constanți de calitate a iaurtului, prin monitorizare atentă și ajustări corecte ale procesului.
- Am redus timpii de oprire ai echipamentelor prin reacții prompte în **SCADA** și comunicare eficientă cu echipa de mentenanță.
- Am susținut colegii noi în înțelegerea pașilor tehnologici și utilizarea corectă a echipamentelor.

2–

### **Blending Operator - Yeo Valley LTD**

STRAINATATE | Productie | Productie

Blending Operator – Departamentul Iaurt Yeo Valley Ltd, Blagdon, UK În cadrul departamentului de Blending, am fost responsabil de pregătirea amestecurilor de iaurt înainte de ambalare, asigurând respectarea strictă a rețetelor, standardelor de calitate și a reglementărilor de igienă alimentară. Rolul meu a necesitat o atenție sporită la detalii, competențe tehnice solide și colaborare constantă cu echipele de procesare, ambalare și control calitate. Responsabilități principale:

- Prepararea amestecurilor de iaurt prin dozarea și combinarea

precisă a ingredientelor (lapte, fructe, îndulcitori, arome,

YEO VALLEY LTD

Blending Operator

stabilizatori etc.), în conformitate cu fișele tehnice de produs.

- Operarea echipamentelor industriale de blending, inclusiv rezervoare de amestec, pompe, mixere, vane automate și sisteme de cântărire integrate.
  - Monitorizarea parametrilor tehnologici (viteză de amestecare, temperatură, timp de mixare) pentru a garanta consistența, textura și gustul dorit al produsului final.
  - Respectarea strictă a procedurilor de igienă și curățare (CIP/SIP), precum și a cerințelor BRC, GMP și HACCP, pentru a evita contaminările și a menține integritatea produsului.
  - Verificarea materiilor prime (calitate, etichetare, temperatură de recepție) și comunicarea oricăror neconformități către echipa de quality assurance.
  - Documentarea completă a procesului de blending, inclusiv trasabilitatea loturilor, verificările zilnice și raportarea oricăror abateri de proces.
  - Comunicare eficientă cu operatorii din processing, SCADA și ambalare, pentru a menține un flux de producție continuu și echilibrat.
  - Suport la tranziția rețetelor și adaptarea rapidă la schimbările de produs sau comenzi, conform planului de producție zilnic.
- Competențe dobândite:
- Înțelegerea procesului tehnologic de amestecare în industria lactatelor.

- Operare echipamente industriale și sisteme semi-automate de control (inclusiv interacțiuni de bază cu **SCADA**).
- Respectarea standardelor internaționale de siguranță alimentară.
- Gestionarea materiilor prime și trasabilitate conform reglementărilor.
- Abilități de lucru în echipă, coordonare și atenție la detalii.

3.

### **Inginer **SCADA** - S.C. Coral Constructii**

Tulcea | Inginerie | Constructii

CORAL este o compania românească de antrepriză generală cu experienta in domeniul constructiilor, oferind servicii complete de proiectare, planificare, dezvoltare și execuție a lucrarilor de anvergura mare si medie in domeniile :

- Infrastructura de apa / apa uzata
- Imbunatatiri funciare, lucrari hidrotehnice si managementul deseurilor
- Lucrari civile
- Restaurare si consolidare monumente istorice

Printre responsabilitatile si activitatile desfasurate mentionez :

Realizarea unui sistem **SCADA** pentru trei stații de epurare din județul Buzău, utilizând sistemul **SCADA** Vijeo Citect, automate si HMI Visu+ Phoenix Contact, automate Twido Schneider Electric.

Participare in toate etapele proiectului si anume : proiectare, executie si supervizare atat in ceea ce priveste sistemul software cat si automatizarile necesare diverselor procese specifice.

Realizarea unor algoritmi proprii de control al diverselor procese specifice precum denitrificarea, oxigenarea, deshidratarea, etc.

Configurarea diverselor echipamente specifice însemnând convertizoare de frecvență, softstart-ere, utilaje automatizate.

Implementarea LAN-ului local și configurarea echipamentelor de comunicație (switch-uri).

Instruirea personalului stațiilor de epurare în ceea ce privește sistemul **SCADA** cât și a diverselor echipamente existente.

Participare în finalizarea lucrărilor de electrice și **SCADA** aferente stației de tratare apă potabilă aferentă municipiului Tulcea.

Finalizare lucrări specifice de integrare a echipamentelor aferente deshidratării utilizând automate Omron, parametrizare și configurare echipament de telecomunicații, echipament de control al pompelor, convertizoare de frecvență.

Creare de diferite rapoarte utilizând SQL și Crystal Reports pentru software-ul de ERP Scala al companiei

## Training

Protecții și automatizări în sistemul energetic național



4.--3016673

## **SCADA** Commissioning Engineer - Siemens-Energy

Bucharest | Engineering | Energy

- Responsibility for the networks and individual components of the **SCADA** level in the context of control technology for high-voltage direct current transmission projects (HVDC)
- Commissioning of the mostly TCP-based network infrastructure
- Support and control of the HMI concept and its purpose-specific adaptation
- Interface to all other signal suppliers involved through responsibility for time synchronization and the local and remote signal converters

- Planning and implementation of training courses regarding network / HMI / signal converters for our internal employees and external customers
- Support of the other commissioning components and after-sales in troubleshooting and checking the communication interfaces as well as in looking after the various systems among one another

### **Project Engineer - Honeywell**

Bucharest | Engineering | Oil / Gas

- Develop & program control systems & software solutions; - Provide project execution development of control systems; - Define hardware requirements, execute validation protocols & plans;

### **SCADA Engineer - Yokogawa**

Bucharest | IT Software | Oil / Gas

- Analyse the business nature, and production processes followed by clients;
- Perform and create detailed design specifications;
- Developed the HMI graphics using P&ID's;
- Responsible for carrying out SCADA design, programming and configuration tasks on the basis of Conceptual Design information while applying company standards;
- Executing procedures for testing the software and carried out internal tests and Factory Acceptance Test (FAT);
- Site work, up to and including the Site Acceptance Test (SAT);
- Testing developed software against specified requirements. Tracking all issues was made using UTrack;
- Visit clients' production plants and provide technical solutions;
- Implementation of modifications and as-built processing;
- Supervise the construction of instrumentation and control systems;
- Created and carried out operator trainings on the Yokogawa software solutions;
- Installed and configured Plant Resource Manager in order to map all the plant;

- Compilation of customer and internal documentation.

### **Certifications**

BOSIET-OPITO

acquired on Aug 2025

OPM L2 Certified

acquired on May 2021

EPKS L3 Certified

acquired on Dec 2019

TPS L2 Certified

acquired on Oct 2019

Quality Technician

period Jun 2013 - Jun 2013

TUV Austria



5. –#ID 2638004

Apr 2018 - prezent

7 ani si 7 luni

Inginer service - Flextim Industry SRL

Timisoara | Automatizari | Energetica

Aprilie 2018 – Prezent (7 ani+)

Activități de întreținere și reparații la echipamente industriale.

Diagnoză, intervenții și optimizări pe sisteme automatizate.

Colaborare directă cu echipele de producție și management.

Punerea în funcțiune a echipamentelor , instruirea operatorilor, cat si diagnosticarea si repararea echipamentelor

masuratori electrice diagnoza si reparatii electrice proiectare simplificata

Mar 2014 - Feb 2018

4 ani

Tehnician Mentenanta - SC Coficab SRL\_Ploiesti

Ploiesti | Specialisti / Tehnicieni | Masini / Auto

Întretinerea si repararea masinilor cu comanda numerica

sociabil usor adaptabil fire dinamica ma adaptez usor la conditiile de munca Invat lucruri noi si imi formez usor noi deprinderi profesionale Posibilitatea de a lucra in week-end si peste program

Aug 2007 - Mar 2014

6 ani si 8 luni

Sef Lot - SC Compania Energopetrol SA Campina

Campina | Constructii / Instalatii | Energetica

-evidenta personalului,evidenta stocurilor de materiale,facturare,programare si instruire personal,receptie marfa,coordonare personal,respectarea procedurilor interne,receptie la lucrarile executate.

Modernizare, branșamente, posturi transformare 20/0,4 kv, modernizare stații electrice Scadă 110/20/0,4 kv, les 0,4 kv, 20 kv, 110 kv, instalații electrice hale industriale, clădiri prezidențiale, măsurători PRAM.

Microsoft Project abilitati avansate de comunicare si negociere

Iun 2005 - Aug 2007

2 ani si 3 luni

Maistru electrician - SC Electro-Mara SRL

Targoviste | Constructii / Instalatii | Energetica

evidenta personalului,evidenta stocurilor materialelor,facturare,programare si instruire personal,receptie materiale,coordonare personal,respectarea procedurilor interne,receptie la lucrarile executate

Feb 2001 - Iun 2005

4 ani si 5 luni

Maistru electrician - SC Luxten Lighting SRL

Ploiesti | Constructii / Instalatii | Energetica



evidenta stocurilor materialelor, receptie materiale, respectarea procedurilor interne, receptie la lucrarile executate, programare si instruire personal, evidenta personalului, coordonare personal.

Mai 1992 - Feb 2001

8 ani si 10 luni

electrician-sef echipa - SC Electroconstructia SA

Ploiesti | Constructii / Instalatii | Energetica

coordonare personal, receptie materiale, respectarea procedurilor interne, receptie la lucrarile executate, evidenta stocurilor materialelor, evidenta personalului. instruire personal.

Iun 1990 - Iun 1992

2 ani si 1 luna

electrician intretinere si reparatii - SC UBEMAR SA

Ploiesti | Productie | Masini / Auto

intretinerea si asigurarea in parametrii de functionare ai utilajelor



6-#ID 4073557

director tehnic - Grupul Syscom

Bucuresti | Inginerie | Energetica

inginerie industrială automată SW+ HW pentru sisteme automate industriale, adică instalare/ montare, mentenanță/ service, dezvoltare/ integrare mașini automate+ sisteme SCADA+ instalații electrice/ de automatizare, înlocuire piese/ componente electro-mecanice (electrice+ electronice+ mecanice solide+ pneumatice+ hidraulice) de automatizare pentru sisteme flexibile de fabricație/ process bazate pe regulatoare de proces, automate programabile (PLC Unitronics & Siemens)+ HMI+ alte controlere/ dispozitive pentru sisteme industriale, cablare instalații+ tablouri electrice de comandă/ control, intervenții la instalațiile electrice primare/ de protecție/ de automatizare conform planului de mentenanță (corectivă/ preventivă/ predictivă), întocmire documentație tehnico- economică (specificații tehnice, antecalculații, devize de materiale+ lucrări, manuale de utilizare, etc.), implementare proiecte, coordonare lucrări de execuție, sistem de management ape reziduale, etc.

- Arhitecturi A&I/C&I: servere principale/ redundante, CPU, HMI/interfețe de proces și ecrane tactile, SCADA/SC&DAS (Citect, National Instruments, Visual Designer), Simatic & TIA Portal, etc.,

Ian 2015 - Oct 2016

1 an si 10 luni

inginer de mentenanță & dezvoltare - Electromagnetica (sector electrotehnic)

Bucuresti | Inginerie | Energetica

inginerie industrială automată (de sisteme automate SW+ HW industriale), adică instalare/ montare, mentenanță/ service, dezvoltare/ integrare mașini automate+ sisteme robotizate (Sony+ Mitsubishi robots)+ CNC+ instalații electrice/ de automatizare, înlocuire piese/ componente electro-mecanice (electrice+ electronice+ mecanice solide+ pneumatice+ hidraulice) de automatizare pentru sisteme flexibile de fabricație/ ansamblare bazate pe regulatoare automate programabile (PLC Fatek)+ HMI+ alte controloare/ dispozitive pentru sisteme industriale, cablare instalații+ tablouri electrice de comandă/ control, intervenții la instalațiile electrice primare/ de protecție/ de automatizare conform planului de mentenanță (corectivă/ preventivă/ predictivă), întocmire documentație tehnico-economică ( specificații tehnice, antecalculații, devize de materiale+ lucrări, manuale de utilizare, etc.)

- sisteme A&I/C&I: sisteme/ stații automatizate (HW+ SW) )/ module/ interfețe/ panouri/ dulapuri de comandă, PLC, sisteme dinamice automate: sisteme de mișcare controlată bazate pe module PLC Fatek Automation, roboți cu coordonate carteziane și cilindrice (Sony, Mitsubishi), servo-controlere

Salariul net : 3100 RON

Ian 2014 - Iul 2014

7 luni

supervizor A&I - Technip Saudi Arabia, KSA, sector energetic (chimic+ petrochimic)

STRANATATE | Automatizari | Petrol / Gaze

R1+ R5+ R6+ R7+ R9 & C2 pentru procese petrochimice industriale și instalații tehnologice, activitate aferentă desfășurată în colaborare cu alte echipe și Contractor Satorp pentru punerea în funcțiune și testarea, inclusiv testarea buclei, a sistemelor/instalațiilor din sediul organizației/societății, inclusiv rafinăria de petrol Al-Jubail;

Ian 2013 - Oct 2013

10 luni

inginer de date de proiect - C-eng, Basrah, Irak, sector energetic (chimic+ petrochimic)

STRANATATE | Inginerie | Petrol / Gaze

inginerie automată+ instrumentație+ electro-mecanică de teren, adică instalare+ mentenanță/ service pentru procese petrochimice industriale și instalații tehnologice, activitate aferentă desfășurată în colaborare cu alte echipe și Contractor ENI pentru

CMMS+ FEED și colectarea datelor de proiectare a sistemelor/instalațiilor din sediul organizației/ companiei, inclusiv Zubair rafinăriile de petrol , Zubair-Mishrif, Hammar-Mishrif, Safwan;

- sisteme A&I/C&I: săli de control/management proces, inclusiv în timp real, pentru rafinării (PIB+ MCB), platforme petroliere de foraj on-/ off-shore (MCC+ SCR/DC, RTU, WHCP), sisteme/stații automatizate (HW+ SW) )/ module/ interfețe/ panouri/ dulapuri de comandă, PLC,

- echipamente electrice/ panouri/ dulapuri/ dispozitive: transformatoare (HVTr / MVTr / LVTr), întrerupătoare (ATS), contacte, întrerupătoare (VCB/ ACB/ MCB/ MCCB/ RCCB/ ELCB), relee intermediare și de protecție, contactori (Siemens , Schneider, Eaton), întrerupătoare, siguranțe și întrerupătoare automate/cuțite (ABB), demaroare stea/delta/ soft/ DOL (direct online), compresoare de aer (Sullair, Atlas Copco), surse de alimentare electrică+ surse de aer pneumatice cu protecție automată, alimentare electrică, masă rotativă, compresoare de aer etc.

Apr 2012 - Nov 2012

8 luni

supervizor A&I - CMS (Caspian Marin Services), Kazakhstan, sector energetic (chimic+ petrochimic)

STRAINATATE | Petrol / Gaze | Petrol / Gaze

Responsabilități: inginerie A&I+ electromecanică de teren, adică instalare+ mentenanță/ service+ integrare+ comisionare+ proiectare de echipament electric+ sisteme de automatizări/ instrumentație pentru instalații+ utilaj chimic+ petrochimic, inclusiv sisteme automate de conducere, sisteme automate pentru măsurare+ reglare parametri de proces, elaborare documentație tehnică/ planuri pentru montare de aparate, piese sau module, ca detectoare (senzori), traductoare (transmitoare, controloare), ventile (supape, clapete) de urgență, siguranță+ reglare, regulatoare automate, indicatoare, înregistratoare, alarme, calcul+ dimensionare AMC, cablare instalații+ tablouri electrice/ de comandă/ control, intervenții la instalațiile electrice primare/ de protecție/ de automatizare conform planului de mentenanță (corectivă/ preventivă/ predictivă), întocmire rapoarte de mentenanță, implementare de standarde EU+ alte normative, inclusiv pentru medii periculoase (ATEX) și ostile/ corozive

- planificare activitate zilnică+ participare la ședințe zilnice de securitate în muncă împreună cu echipa

- activitate de interfață tehnică între echipa supervizată și echipe din alte discipline

- coordonare și stabilire priorități+ obiective de muncă

- determinare obiective zilnice+ metode de realizare

- asistare maiștri la pregătirea planului de muncă+ materiale necesare

- propune măsuri de îmbunătățire a activității de fabricație+ condiții de muncă

- luare de măsuri pentru evitarea/ reducerea riscurilor de incidente/ accidente

- asistare maiștri la identificarea planului de construcție+ locurilor de muncă pe șantier
- revizuire+ clarificare proiect+ documentație tehnică, inclusiv pregătire cabluri+ cablare
- stabilire modificări corecte actualizare, inclusiv pentru cablare+ montare instrumentație
- asigurare conformitate cu coduri, standarde+ proceduri de muncă
- supervizare+ urmărire proceduri de muncă pe baza aprobării de lucru
- supervizare+ commissioning+ testare echipament E&I, dispozitive+ accesorii
- supervizare manipulare+ depozitare materiale+ scule
- conducerea ședințelor interne de muncă+ operaționale
- pregătire documente zilnice, inclusiv rapoarte de fabricație+ intervenție
- monitorizare performanțe+ activitate de muncă pe baza fișelor de muncă+ de pontaj
- echipament electric (panouri/ dulapuri/ dispozitive): transformatoare (HVTr / MVTr / LVTr), întrerupătoare (ATS), contacte, întrerupătoare (VCB/ ACB/ MCB/ MCCB/ RCCB/ ELCB), relee intermediare și de protecție, contactori (Siemens , Schneider, Eaton), întrerupătoare, siguranțe și întrerupătoare automate/ cuțite (ABB), demaroare stea/delta/ soft/ DOL (direct online), compresoare de aer (Sullair, Atlas Copco), surse de alimentare electrică+ surse de aer pneumatice cu protecție automată, alimentare electrică, masă rotativă, compresoare de aer etc.
- sisteme electrice/ panouri/ statii: statii PIB+ MCB, HVSG/ MVSG/ LVSG, sisteme electrice/ electrice/ instalatii pentru instalatii de foraj (MCC + SCR / DC)/ fabrici/ statii inteligente cu scheme electrice mono/multifil; diagrame de funcționare/ funcționale & integrare/ interconectare; triaj/ putere/ distribuție/ panouri de control/ dulapuri/ încăperi; cablare circuite de putere/semnale, motoare și generatoare electrice DC/AC (inducție/ servo-/ stepper) cu drivere/ regulatoare/ convertoare/invertoare (Siemens VFD/ VSD), sisteme/ mecanisme de acționare electrică (Varco top drive) protecție și control electric cu relee (de protecție)+ contactori (ABB), protecție anticorozivă, generatoare electrice (Caterpillar, Equin), rețele electrice etc.
- sisteme A&I/C&I: platforme petroliere de foraj off-shore (MCC+ SCR/DC, RTU, WHCP), sisteme/stații automatizate (HW+ SW) )/ module/ interfețe/ panouri/ dulapuri de comandă, PLC,

Ian 2007 - Feb 2012

5 ani si 2 luni

inginer A&I/ C&I - Iprochim, sector proiectare (chimic+ petrochimic)

Bucuresti | Proiectare civila / industrială | Chimica

Responsabilități: inginerie industrială automatică+ instrumentație, adică proiectare de echipament electric+ automatizări/ instrumentație pentru instalații+ utilaj chimic+ petrochimic, inclusiv sisteme automate de conducere, sisteme automate pentru măsurare + reglare parametri de proces (Citect SCADA, DeltaV DCS, Siemens PLC, etc.), elaborare documentație tehnică/ planuri pentru montare de aparate, piese sau module, ca detectoare (senzori), traductoare (transmitoare, controloare), ventile

(supape, clapete) de urgență, siguranță+ reglare, regulatoare automate, indicatoare, înregistratoare, alarme, calcul+ dimensionare AMC, etc., modelare+ simulare de proces, implementare de standarde EU+ alte normative, inclusiv pentru medii periculoase (ATEX) și ostile/ corozive

- instrumente/ aparate/dispozitive de câmp cu fir și fără fir, inclusiv control, alarmă/semnalizare, monitorizare, contorizare/contorizare/instrumente/sisteme inteligente; lămpi/ indicatoare HMI (Schneider), contacte/ butoane/ întrerupătoare și întrerupătoare de limită (Schneider), detectoare/ senzori (Honeywell, Keyence, Turck, Beamex, Omron); sonde de măsurare și contoare pentru parametri de proces (presiune, temperatură, debit etc., adică manometre+ termometre+ debitmetre)+ traductoare/ transmițătoare/ controlere (Honeywell, Keyence, Turck), pneumatice (Festo)+ actuatoare/mecanisme hidraulice (supapă Remosa), regulatoare automate (Honeywell, Rosemount/ Fisher/ Emerson, Rockwell), configuratoare/ calibratoare și comunicatoare/ adaptoare de semnal (comunicator HART, Fluke), analizoare de proces/ parametri tehnologici, contoare/ înregistratoare/ logger, instrumentație pentru rezervoare/ echipamente (Honeywell, Yokogawa, Rosemount/ Fisher/ Emerson), supape de control și siguranță, alte fittinguri de proces (Samson, Emerson, Festo) și accesorii/ fittinguri/ cuplaje pneumatice (Parker), acționarea motorului și controlul pompei, surse de aer instrumentale etc.

- sisteme A&I/C&I: săli de control/management proces, inclusiv în timp real, pentru rafinării (PIB+ MCB), platforme petroliere de foraj on-/ off-shore (MCC+ SCR/DC, RTU, WHCP), sisteme/stații automatizate (HW+ SW) / module/ interfețe/ panouri/ dulapuri de comandă, PLC, sisteme dinamice automate: sisteme de mișcare controlată bazate pe module Simotion Scout (cu Sinamics)/ PLC (Melsec-Mitsubishi), roboți cu coordonate carteziane și cilindrice (Sony, Mitsubishi), servo controlorii

- Limbaje/platforme/medii SW

(programare/dezvoltare/editare/design/simulare/modelare): AutoCAD, ChemCAD, OrCAD, MathCAD, Matlab, Simulink, Comsol, suita AMS, pachete pentru Simatic, inclusiv Step 7 (Lad, FDB, STL, S7-SCL, S7-Graph)+ WinCC/ WinCC flexible+ VMware cu Simatic HMI+ Simatic Manager cu PC/ PCS 7+ stație TIA+ Sinamics, etc.

- Arhitecturi A&I/C&I: servere principale/redundante, CPU, HMI/interfețe de proces și ecrane tactile, RTU, PLC (Simatic PLC+ PC/ PCS 7), DCS (DeltaV, Honeywell Tracorp), ESD/SIS, WHCP, etc.

- Arhitecturi Tc/ de rețea: LAN/ WAN (intranet+ internet) rețele cu fir/ wireless/ fibră optică, modemuri, repetitoare/ transceiver, hub-uri de comutare, poduri, routere, gateway-uri etc.

- Tc/ protocoale de rețea: LAN/WAN, Profibus, Profinet, Ethernet, HART, Modbus, etc.

- aplicații de computer intranet+ internet, inclusiv Microsoft Project Tools, InTools, PDMS, sistem de monitorizare a vibrațiilor Bentley-Nevada

7-#ID 253585

Feb 2013 - Oct 2017

4 ani si 9 luni

Inginer automatizari-Sef formatie - SNGN Romgaz, SPEE Iernut

Iernut | Automatizari | Energetica

Montaj și punere în funcțiune echipamente (Experiența cu sisteme de tip PLC ,DCS și BMS produse de ABB, Honeywell, Siemens, Moeller, Mitsubishi, HIMA);

Întocmirea necesarului anual de piese de schimb pentru repararea și reținerea planificata a echipamentelor;

Întocmirea de caiete de sarcini pentru lucrări planificate, liste de dotații aprobate;

Întocmirea documentațiilor și instrucțiunilor de exploatare a instalațiilor.

Coordonare personal din cadrul laboratorului de pirometrie.

CorelDRAW Adobe Illustrator AutoCAD Microsoft Office citect scada abb advant

honeywell expirion hima silworx siemens simatic step 7 wincc

Mar 2012 - Sep 2013

1 an si 7 luni

Inginer automatizari - SC DatComp SRL

Timisoara | Service / Reparatii | Prestari servicii

- expertize și consultanță tehnică;
- studii de fezabilitate;
- proiectare;
- softuri pentru aplicații industriale și SCADA, utilizând SIMATIC;
- asistență tehnică la punere în funcțiune;
- mentenanță preventivă și corectiva pentru echipamente electrice;

Diagnosticare și remediere defecțiuni apărute la stațiile de apă potabilă Sovata și epurare Sovata și Fântânele.

Ian 2005 - Ian 2013

8 ani si 1 luna

Inginer principal automatizari, masura & control - Electrocentrale Mures, CTE Iernut

Iernut | Automatizari | Energetica

Proiectarea interfețelor câmp-sistem (dulapuri de conexiuni, marshalling), segregare și alocare semnale I/O pentru sisteme de tip PLC ,DCS și BMS ;

Configurare/programare/actualizare periodică a proiectelor realizate cu ajutorul aplicațiilor CITECT-SCADA, ABB-ADVANT, Honeywell-Expirion, SILworX, SIMATIC aferente sistemelor de tip PLC ,DCS și BMS .

Participarea la lucrarile de montaj si punere in functiune a instalatiilor de monitorizare parametrii tehnologici, a protectii tehnologice, a instalației de ardere cu NOx redus.

---

8-#ID 2703777

Ian 2004 - Iul

2018

14 ani si 7 luni

**Operator SCADA/Hidraulic - Funcția sau postul ocupat**

Sibiu | Automatizari | Administratie / Sector Public

Apa-Canal S.A - Stația Captare-Tratare Apă

Activități administrative-statistici angajați, instruire periodică SSM si PSI personal, intocmire

montaj angajați, monitorizare parametri Stație cu ajutorul unui sistem SCADA, asistență si mentenanță echipamente electronice-senzori, grupuri de pompare apă potabilă, modificare parametri unități de comandă in productie

Productie

---

9-3684098

**Inginer SCADA - Teletrans**

Timisoara | Inginerie | IT / Telecom

- Monitorizarea, întreținerea și optimizarea sistemelor SCADA utilizate pentru infrastructura energetică.
- Participare activă la implementarea și configurarea echipamentelor de comunicații industriale.
- Asigurarea suportului tehnic pentru rețele și aplicații SCADA în cadrul proiectelor regionale

10-#ID 8070012

Ian 2012 - Ian 2014

2 ani si 1 luna

Manager Proiecte BMS - SC PROIMSAT SA

Ramnicu Valcea | Automatizari | Prestari servicii

Coordonarea proiectelor BMS. Analiza cerințelor clientului (caietului de sarcini).

Consultanță de specialitate. Proiectare, programare și parametrare automate programabile și SCADA

AutoCAD Project management Project Planning project implementation Managementul echipei

Sep 1998 - Ian 2012

13 ani si 5 luni

Inginer automatist - SC PROIMSAT SA

Ramnicu Valcea | Automatizari | Prestari servicii

Instalații de automatizare, BMS -SCADA

Descriere job : Selectarea și achiziționarea echipamentelor de automatizare, alegerea echipamentelor aferente tablourilor electrice. Proiectarea echipamentelor de automatizare (senzori, transductoare, vane etc) inclusiv a tablourilor electrice aferente instalațiilor de automatizare pentru HVAC (AutoCAD).

Proiectarea, configurarea și punerea în funcțiune a automatelor programabile.

Proiectarea și configurarea software-lor SCADA.

Referințe: S.C. CET GOVORA S.A. RM. VÂLCEA (DISPECERIZARE, AUTOMATIZARE 38 PT-uri) THERME BUCURESTI (BALOTEȘTI) (în colaborare) (AUTOMATIZARE, BMS) S.C. CĂLIMANEȘTI-CĂCIULATA S.A. (AUTOMATIZARE, BMS) HOTEL "BRADUL" POIANA BRAȘOV (AUTOMATIZARE, BMS) FLOREASCA BUILDING PARK (AUTOMATIZARE, BMS) CENTRU DE AFACERI SIBIU (AUTOMATIZARE, BMS) WESTGATE –ALPHA BANK (AUTOMATIZARE, BMS) HOTEL "SPORT" POIANA BRAȘOV (AUTOMATIZARE, BMS, INTERFAȚĂ CU FIDELIO-OPERA) HOTEL "RAMADA" SIBIU (AUTOMATIZARE, BMS) OLTCHIM S.A. RM. VÂLCEA (AUTOMATIZARE 30 PT-uri) DACIA RENAULT PITEȘTI (AUTOMATIZARE 17 PT-uri) SNR SIBIU (AUTOMATIZARE, BMS) DELPHI IAȘI (AUTOMATIZARE) TEATRUL THALIA SIBIU (AUTOMATIZARE, BMS) TEATRUL ANTON PANN RM VÂLCEA (AUTOMATIZARE) MALL RM VÂLCEA (AUTOMATIZARE, BMS) SUPERMARKETURI KAUF LAND, (AUTOMATIZARE) SUPERMARKETURI



PENNY (AUTOMATIZARE) DEPOZIT PENNY TURDA (AUTOMATIZARE. BMS)  
AUCHAN TG MURES (AUTOMATIZARE, BMS, OPC SERVER)

11–

Jul 2017 - present

8 years and 4 months

Electrical Engineer / Designer / SCADA - S.C. EXIMPROD GRUP S.A.

Bucharest | Engineering | Energy

1. Purpose of the job:

- Performs automation / measurement works in transformer stations, supply points, transformer stations
- Performs secondary circuit works and relay protections for power plants and power stations
- Preparation of documentation at PT / DE level
- Supporting the solution at the approval level
- Participation in FAT / PIF / SAT
- AsBuild training

2. The main responsibilities and tasks.

2.1 SCADA / PRAM:

- Preparation of connection schemes, according to internal procedures;
- Preparation of local configuration according to the concept;
- Field implementation of the configuration;
- Relay communication parameterization;
- Testing according to test bulletins;
- FAT / PIF testing assistance;
- Carries out automation / measurement works in transformation stations, supply points, transformation stations in the installations energy;
- Execution and verification of secondary circuits;
- Performs accidental intervention works in transformer stations, supply points, transformer substations, systems distribution automation (SAD) and SCADA, in case of damages, incidents and failures that occur in the secondary switching;
- Participates in the project team set up for the elaboration of documentations;

2.2 DESIGN.

- elaborates electrical diagrams, detailed drawings and general drawings
- designs electrical panels and distribution boxes

SolidWorks Eplan Scada research and documentation Parameterization SIEMENS relays Parameterization ABB relays Parameterization THYTRONIC relays Design of secondary circuits for Transformation Stations and Connection Points Parameterization EFACEC relays MV electrical design Eplan PROPANEL(3D)

Nov 2016 - Jul 2017

9 months

Electrical Engineer / Designer - S.C. T&D PRO ELECTRIC S.R.L.

Bucharest | Engineering | Energy

1. Purpose of the job:

Design, parameterization, repair of electrical defects, verification of technical details.

2. The main responsibilities and tasks:

2.1 DESIGN:

- Elaboration, management and verification of the technical components of the projects.
- Establishing the optimal technical solutions, achievable in the shortest time and with minimum costs.
- Performs section sizing calculations by standard methods.
- Establishes the standards, norms and technical prescriptions that must be observed in carrying out the works.
- Establishes the organization of measurements.

2.2 TECHNICAL VERIFICATION OF MATERIALIZED PROJECTS

- Visual inspection
- Check technical details
- Check from an electrical point of view

2.3 CUSTOMER TECHNICAL ASSISTANCE

- travel to the installation site of the equipment (transformer stations, connection points, MT cells, SCADA panels, panels Telecom etc.) with the team of subordinated electricians, in order to provide technical assistance (parameterization of relays and repairs from an electrical point of view) and commissioning.

3. RIGHTS AND LIMITS OF AUTHORITY

- Has access to the internal information necessary for the fulfillment of its attributions.
- It engages the Company in relation to external suppliers and customers only within the limits of the rights and obligations deriving from the fulfillment of the service obligations.

4. INSTRUMENTS USED IN THE EXERCISE OF DUTIES

- P.C .;
- Telephone;
- Car;
- Tools;

## 5. RELATIONS ENGAGED IN THE INTERIOR AND EXTERIOR OF THE COMPANY FOR THE EXERCISE OF DUTIES

Outside the company:

- client, respectively: technical department, design, bidding, production, transports
- ENEL - MUNTENIA / DOBROGEA / BANAT
- ELECTRICA - MUNTENIA NORD / TRANSILVANIA SUD / TRANSILVANIA NORD
- EON MOLDOVA
- PRAM SERVICE OF ELECTRICITY SUPPLIERS
- MATERIAL SUPPLIERS

Inside the company:

- All Departments

Design of secondary circuits for Transformation Stations and Connection Points

May 2015 - Nov 2016

1 year and 7 months

Electrical Engineer / Designer / SCADA - S.C. EXIMPROD GRUP S.R.L.

Bucharest | Engineering | Energy

1. Purpose of the job:

- Performs automation / measurement works in transformer stations, supply points, transformer stations
- Performs secondary circuit works and relay protections for power plants and power stations
- Preparation of documentation at PT / DE level
- Supporting the solution at the approval level
- Participation in FAT / PIF / SAT
- AsBuild training

2. The main responsibilities and tasks.

2.1 SCADA / PRAM:

- Preparation of connection schemes, according to internal procedures;
- Preparation of local configuration according to the concept;
- Field implementation of the configuration;
- Relay communication parameterization;
- Testing according to test bulletins;
- FAT / PIF testing assistance;
- Carries out automation / measurement works in transformation stations, supply points, transformation stations in the installations energy;
- Execution and verification of secondary circuits;
- Performs accidental intervention works in transformer stations, supply points, transformer substations, systems

distribution automation (SAD) and SCADA, in case of damages, incidents and failures that occur in the secondary switching;

- Participates in the project team set up for the elaboration of documentations;

## 2.2 DESIGN.

- elaborates electrical diagrams, detailed drawings and general drawings

- designs electrical panels and distribution boxes

SolidWorks Eplan research and documentation Parameterization SIEMENS relays

Parameterization ABB relays Parameterization THYTRONIC relays Design of

secondary circuits for Transformation Stations and Connection Points Parameterization

EFACEC relays MV electrical design Eplan PROPANEL(3D)

Jun 2013 - May 2015

2 years

Electrical Engineer / Designer - S.C. T&D PRO ELECTRIC S.R.L.

Bucharest | Engineering | Energy

1. Purpose of the job:

Design, parameterization, repair of electrical defects, verification of technical details.

2. The main responsibilities and tasks:

### 2.1 DESIGN:

- Elaboration, management and verification of the technical components of the projects.

- Establishing the optimal technical solutions, achievable in the shortest time and with minimum costs.

- Performs section sizing calculations by standard methods.

- Establishes the standards, norms and technical prescriptions that must be observed in carrying out the works.

- Establishes the organization of measurements.

### 2.2 TECHNICAL VERIFICATION OF MATERIALIZED PROJECTS

- Visual inspection

- Check technical details

- Check from an electrical point of view

### 2.3 CUSTOMER TECHNICAL ASSISTANCE

- travel to the installation site of the equipment (transformer stations, connection points, MT cells, SCADA panels, panels

Telecom etc.) with the team of subordinated electricians, in order to provide technical assistance (parameterization of relays and repairs from an electrical point of view) and commissioning.

### 3. RIGHTS AND LIMITS OF AUTHORITY

- Has access to the internal information necessary for the fulfillment of its attributions.

- It engages the Company in relation to external suppliers and customers only within the limits of the rights and obligations deriving from the fulfillment of the service obligations.

#### 4. INSTRUMENTS USED IN THE EXERCISE OF DUTIES

- P.C .;
- Telephone;
- Car;
- Tools;

#### 5. RELATIONS ENGAGED IN THE INTERIOR AND EXTERIOR OF THE COMPANY FOR THE EXERCISE OF DUTIES

Outside the company:

- client, respectively: technical department, design, bidding, production, transports
- ENEL - MUNTENIA / DOBROGEA / BANAT
- ELECTRICA - MUNTENIA NORD / TRANSILVANIA SUD / TRANSILVANIA NORD
- EON MOLDOVA
- PRAM SERVICE OF ELECTRICITY SUPPLIERS
- MATERIAL SUPPLIERS

Inside the company:

- All Departments

Design of secondary circuits for Transformation Stations and Connection Points

Apr 2013 - May 2014

1 year and 2 months

Electrical Engineer / Designer - S.C. ED ENGINEERING IMPEX S.R.L.

Bucharest | Engineering | Energy

##### 1. Purpose of the job:

Design, parameterization, repair of electrical defects, verification of technical details.

##### 2. The main responsibilities and tasks:

###### 2.1 DESIGN:

- Elaboration, management and verification of the technical components of the projects.
- Establishing the optimal technical solutions, achievable in the shortest time and with minimum costs.
- Performs section sizing calculations by standard methods.
- Establishes the standards, norms and technical prescriptions that must be observed in carrying out the works.
- Establishes the organization of measurements.

###### 2.2 TECHNICAL VERIFICATION OF MATERIALIZED PROJECTS

- Visual inspection
- Check technical details
- Check from an electrical point of view

###### 2.3 CUSTOMER TECHNICAL ASSISTANCE

- travel to the installation site of the equipment (transformer stations, connection points, MT cells, SCADA panels, panels)

Telecom etc.) with the team of subordinated electricians, in order to provide technical assistance (parameterization of relays and repairs from an electrical point of view) and commissioning.

### 3. RIGHTS AND LIMITS OF AUTHORITY

- Has access to the internal information necessary for the fulfillment of its attributions.
- It engages the Company in relation to external suppliers and customers only within the limits of the rights and obligations deriving from the fulfillment of the service obligations.

### 4. INSTRUMENTS USED IN THE EXERCISE OF DUTIES

- P.C .;
- Telephone;
- Car;
- Tools;

### 5. RELATIONS ENGAGED IN THE INTERIOR AND EXTERIOR OF THE COMPANY FOR THE EXERCISE OF DUTIES

Outside the company:

- client, respectively: technical department, design, bidding, production, transports
- ENEL - MUNTENIA / DOBROGEA / BANAT
- ELECTRICA - MUNTENIA NORD / TRANSILVANIA SUD / TRANSILVANIA NORD
- EON MOLDOVA
- PRAM SERVICE OF ELECTRICITY SUPPLIERS
- MATERIAL SUPPLIERS

Inside the company:

- All Departments

Design of secondary circuits for Transformation Stations and Connection Points

Sep 2008 - Dec 2013

5 years and 4 months

Electrical Design / Offer / Execution Engineer - S.C. OMNITEX CONSULT S.R.L.

Ploiesti | Engineering | Energy

Short description:

- Preparing files for obtaining the opinion of site / The technical connection EE;
  - Receiving Files on the natural / legal power supply (AEE) / electricity use (INT); -Offer( program Doclib 3.36); -Preparation of documentation for obtaining the Certificate of Urbanism, -Building permit, diverse opinions and agreements; -Execution of technical drawings in AutoCAD on details of implementation.
- meal tickets;

Long description:

1. Participation in design activities within the Design department.

2. Elaboration, management and verification of the technical components of the projects.
  3. Establishing the optimal technical solutions, achievable in the shortest time and with minimum costs.
  4. Leading and coordinating the realization of the projects, so as to respect the deadlines, to achieve the quality of the works and not to exceed the scheduled costs.
  5. Studying and verifying the offers to be appropriate from a technical-financial point of view.
  - 5.1. Keeping in touch with the supplier companies (transformation stations, connection niches and other materials). ex. companies:  
Eximprod, B & k Electro-System; Perom; Electrotehno.
  6. Planning and carrying out the design phases, obtaining approvals.
  - 6.1. Preparation of documentation for obtaining the urbanism certificate and technical documentation for obtaining the authorization of building.
  - 6.2. Preparation of technical documentation, technical project, specifications and execution details.
  - 6.3. Preparation of technical-economic offers.
  7. I was promoted to the position of head of the design department on 01.04.2010.
  8. I subordinate the heads of the electrician teams, in order to remedy the defects that may occur at the electrical installations made, if the technical director is unavailable.
- Dir. Technical. Ioan Jilaveanu - 0744369350
- Vouchers;
- Service telephone;
- laptop;
- AutoCAD DocLib research and documentation offer MV and LV electrical design

May 2007 - Aug 2008

1 year and 4 months

Electrical Engineer - S.C. ROMLUX LIGHTING COMPANY S.A.

Targoviste | Engineering | Energy

- Preparing files for obtaining the opinion of site / The technical connection EE;
- Receiving Files on the natural / legal power supply (AEE) / electricity use (INT);
- Offer( program Doclib 3.36);
- Preparation of documentation for obtaining the Certificate of Urbanism,
- Building permit, diverse opinions and agreements;
- Execution of technical drawings in AutoCAD on details of implementation.

12– #ID 4418923

**Electrical Energy Automation Technician / IT Support - ELSID SNAGOV S.A. /  
ELECTROCARBON S.A.**

Campina | Automation | Energy

- Electrical energy production technician, with hydro-electrical power plants, type CHEMA and MHC, Voith Hydro and Global Hydro Energy brands, with Francis and Banki cross-flow turbines; on three of the main rivers in Prahova county ( Prahova, Dofhana, Teleajen );
- Complete control of automations on the river bank, 22 power plants fully automated and controlled from dispatch, on a 60 km river bank length;
- Pressure control of the adduction and drinking water distribution from Paltinu dam to Voila water treatment plant;
- Intervention and maintenance teams coordinator with the objective of solving problems related to pressure, sensor and electrical lines troubleshooting ( LES si LEA 20kV );
- Centralizing and reporting production data in SCADA environment;
- Remote controlling of 22 hydro-electrical power plants at the same time to optimally produce electrical energy and also having the role of IT support in the company, configuring VPN, NetSupport Manager, HerOS, read / write PLC's;
- Dispatcher in our relationship with Hidro Electrica, Electrica Furnizare, ESZ Prahova, Apele Române, DET București, etc.

13–#ID 2214583

Iul 2018 - prezent

7 ani si 4 luni



Sef Atelier Electric si Automatizari - Sanex S.A. / Lasselsberger Grup

Cluj-Napoca | Automatizari | Productie

-coordonare Atelier Electric si Automatizari (electricieni si ingineri automatisti) in cadrul departamentului Mentenanta

-coordonare, analiza interventii reactive

-planificare, monitorizare mentenanta preventiva , mentenanta predictiva

- realizare proiecte de modernizare, imbunatatire

-coordonare echipa in lucrari de instalatii linii/ echipamente noi

-planificare, coordonare activitate de mentenanta anuala cu oprire totala productie

-planificare, analiza costuri mentenanta, stocuri piese de schimb

SAP omron cx-one instalatii electrice automatizari Zenon SCADA Siemens S7200; 1500

Iul 2008 - Iul 2018

10 ani si 1 luna

inginer - Compania de Apa Somes S.A. Cluj

Cluj-Napoca | Inginerie | IT / Telecom

-transmisii de date, monitorizare si parametrizare echipamente de camp;

-intretinere si dezvoltare sistem SCADA cu principalele caracteristici: arhitectura distribuita client-server structura redundanta de monitorizare si comanda statii RTU (>500) interconectate prin GPRS prin servere OPC redundante (Sinaut, Kepware, MT OPC Inventia, Telecontrol), server central de arhivare, sistem de alarmare in structura distribuita, sistem de mentenanta central

-intretinere, modernizare, proiectare automatizari statii de pompare, clorinare, tratare si epurare

-programare PLC :Siemens S7 2xx,3xx, 1500, Allen Bradley ,GE Fanuc, Omron, Mitsubishi, ..

step 7 microwin canbus grunfoss Kepware CCW Rockwell

ProficyMachineEdition(GeFanuc) genibus

Mar 2006 - Iul 2008

2 ani si 5 luni

inginer - S.C. Electrica S.A.

Cluj-Napoca | Inginerie | Energetica

-implementare si mentenanta sistem SCADA pentru statii de transformare 110KV, celule de medie tensiune;

-protectie LEA 110kV , si MT

Schneider SEL Protection System

14-#ID 3669765

Ian 2024 - prezent

1 an si 10 luni

Automation Engineer - Continental Anvelope Timisoara

Timisoara | Inginerie | Masini / Auto

Support departament mentenanta;

Support pentru dezvoltarea proiectelor noi;

PLC & HMI update and troubleshooting;

Dezvoltare de proiecte noi si upgrade pentru sistemele vechi.

plc programming

Ian 2021 - Oct 2023

2 ani si 10 luni

Automation Engineer - Diferite contracte

Brasov | Automatizari | Constructii

SCADA and PLC Commissioning Engineer

SAT, FAT, Commissioning - Activitate in proiecte diferite pe baza de contract.

Automatizari Siemens wago zenon tia portal Inginerie electrica pilz commissioning

Dec 2019 - Ian 2021

1 an si 2 luni

Inginer Automatist - Preh Romania

Brasov | Automatizari | Masini / Auto

Mentenanta WinCC WinCC Flexible Profibus Programare PLC hmi Siemens Simatic

Step 7 tia portal Ladder Diagram

Apr 2018 - Nov 2019

1 an si 8 luni

Inginer Automatist - Siemens SRL

Brasov | Automatizari | Petrol / Gaze

Instalatii electrice pcs 7 oil gas organization project management

Sep 2016 - Apr 2018

1 an si 8 luni

Inginer Automatist - Kuka Systems

Sibiu | Inginerie | Masini / Auto

Step 7 wonderware intouch Scanner mentenanta software si hardware sensors and transducers

Nov 2012 - Sep 2016

3 ani si 11 luni

Inginer Automatist - Siemens SRL

Brasov | IT Software | Petrol / Gaze

WinCC Flexible Scada hmi Siemens Simatic Step 7 WinCC OA Simantic PCS 7

Aug 2011 - Nov 2011

4 luni

Inginer Automatist - ICCO ELECTRIC

Brasov | Inginerie | Energetica

AutoCAD Programare PLC siemens step 7 eplan electric p8 capacitatea de planificare

Capacitatea de organizare si coordonare Statii electrice de transformare Easy-soft -

Eaton Scada Electrical

Sep 2010 - Iul 2011

11 luni

Inginer Electrotehnist Productie - ICCO ELECTRIC

Brasov | Productie | Energetica

AutoCAD e plan circuite secundare Aparate de masura si protectie Echipamente electrice de joasa si medie tensiune Statii electrice de transformare

Oct 2009 - Sep 2010

1 an

Inginer Electrotehnist - SC. Electroprecizia SA.

Sacele | Inginerie | Energetica

aparatura de masura si control Aparatura si standuri Specifice pentru testarea Motoarelor Electrice Generatoare cu magneti permanenti

Iul 2008 - Sep 2008

3 luni

Practicant - Siemens PSE

Brasov | Inginerie | IT / Telecom

WinCC Flexible hmi Siemens Simatic Step 7 Step 7 Management

Aug 2007 - Mai 2008

10 luni

Practicant - SC. Imsat Cuadripol SA.

Brasov | Inginerie | Constructii

Microsoft Office AutoCAD 2d PLC echipamente electrice PLC Siemens si ABB

15–1829536

SCADA engineer electronics engineer - SC Apa Prod SA Deva

Deva | Administrative / Logistics | Administrative / Public Sector

Checking SCADA systems, electrical intervențiile, automation

Design and execution of programmable machines

Process automation SCADA

Control and programming

AutoCAD automation using programs team coordination Internal computer programs

Desing of electical installations Intervention to eliminate events

16–#ID 3167463

**Specialist SCADA - Nuclearelectrica**

Cernavoda | Automatizari | Energetica

Resposabil de urmatoarele sisteme:

Sistem monitorizare debite, nivele și temperaturi

RBLRT/ GCLM

Hardware retele de date de proces

Gateway Software (SCADA)

Programe de comunicații (OPC-PI OSISoft)

Non DCC Software

Control Configuration

SCADA / Procnnet .

SCADA-Statia de tratare a apei

SCADA-Statia 110kV

SCADA-Termoficare

Sistem de monitorizare a parametrilor critici de securitate

PLC ( Siemens S700, S400, S200, National Instruments, Pheonix Contact)

Simatic PLC/ Analysers (Diagnosticare SW/HW PLC-uri)

Principalele activitati:

Asigurarea mentenanței software, urmărind funcționarea programelor conform specificațiilor.

Proiectare, elaborare și testare module software necesare modificărilor pentru optimizarea operării. Participare la procesul de verificare / validare a proiectelor.

Supraveghere echipamentele care deserveș camera de comandă (display-uri, key board-uri, switch-uri, etc.) pentru a menține funcționalitatea in scopul operarii optime.

Menținerea criteriilor de siguranță la defectare prevăzute în proiectul original, urmărind ca acestea să nu se degradeze ca efect al modificărilor sau modernizărilor.

**AutoCAD siemens step7 siemens wincc Scada plc programming hmi Siemens**

**Simatic Step 7 sisteme scada siemens tia portal convertizoare frecventa**



17—#ID 4300743

**Inginer Automatist - Delphi Technologies**

Iasi | Automatizari | Masini / Auto

Mentenanță reactivă/preventivă

Diagnoză / Mententanță: roboți Staubli și roboți Adept

Diagnoză camere detecție: Cognex - insight, IFM, Keyence

Programare/Diagnoză PLC Siemens: Simatic Step7 - TIA Portal

(S7-300, S7-400, S7-1200)

Cunoștințe de bază SIMATIC WinCC Flexible SCADA

Citirea schemelor electrice

## Responsabil LabVIEW Software - Standuri de testare injectoare

18-4648527

SCADA Engineer - EnergoBit

Cluj-Napoca | Engineering | Energy

- Design and configure network and communication paths for Remote Terminal Units (RTU's), and other SCADA system equipment and protection logic development;
- Reading and reviewing Electrical Schematics for Control Systems to be installed and interfaced with SCADA;
- Troubleshooting TCP/IP, Modbus and network communication issues (can vary greatly depending on SCADA system and protocol in use);
- Reviewing field control systems (RTU programming);
- Data analysis of an event or process to help identify and make (automation) suggestions to resolve and prevent future issues;
- Interfaces with multiple groups like, measurements, secondary circuits, electrical schematics;
- The SCADA system includes integrated devices supplied by main equipment producers: SEL, Schneider Electric, Siemens, ABB, GE, etc.
- Compilation of databases specific to electrical scheme of equipment manufacturers for medium / low voltage substations;
- Parameterization of modems (GPRS) / switches (FO), specific to the communication with CPU's (RJ45) from the Communication plank and the central / dispatching point. (NR-300, Westermo)

Jan 2019 - Mar 2020

1 year and 3 months

SCADA and Automation Specialist - ADREM Engineering

Cluj-Napoca | Engineering | Energy

- The study of the bidding documentation received;
- Correlating specifications of the task book with the technical specifications of the equipment available on the market;
- Elaboration of the list with biddings for works and materials necessary for the bidders to internal departments;
- Elaboration of the technical and commercial offer related to the electrical equipment;

- Analysis and regular updating of the standard costs resulting in the permanent improvement of the offers made based on the proposed estimates;
- Elaboration of the technical and commercial proposal for the automation systems and SCADA as well as the command, control and protection systems for turnkey works and for the other opportunities that include the previous mentioned equipment;
- Proposing equipment / solutions for the development and improvement of the company's field of activity.

scada systems industrial automation electrical equipment bidding

Sep 2017 - May 2018

9 months

Technical representative SCADA - EnergoBit

Cluj-Napoca | Engineering | Energy

- Participation in the analysis of bids and contract;
- Full distribution management functions implementation in local systems of the SCADA/DMS packages;
- Adapting hardware, software and operating systems solutions, as well as existing or projected applications to the users actual or estimated needs in order to meet the demand satisfaction requirements;

## Qualifications

TUV Certificate 3E

acquired on Oct 2024



19-2192138

Jun 2017 - Aug 2020

3 years and 3 months

Project Engineer- Automation - CCL Miami, USA

ABROAD | Automation | Naval / Aeronautical

Project Engineer for advanced process control (APC), distributed control systems (DCS), programmable logic controllers (PLC), supervisory control and data acquisition (SCADA).

Tasks and responsibilities which are common to many CI project engineer positions e.g :Design and developing new control systems; maintaining and modifying existing systems (upgrades); managing operations; working collaboratively with design engineers, operation engineers, purchase agents and other internal staff to ensure that those systems and processes operate safely, effectively and efficiently.

Process instrumentation and control systems installation and commissioning.

plc programming electrical design instrumentation project implementation

Feb 2016 - May 2017

1 year and 4 months

Supervisor Technical Assets - CCL Miami, USA

ABROAD | Automation | Naval / Aeronautical

Maintenance Supervisor ,upkeep, installation of Honeywell ,Danfoss, General Electric ,ABB,(flow switches, level sensors, temperature sensors, chemical sensors ,flow valves, heat exchangers ),SCADA Systems, PLC systems, Control and monitoring systems installed in ECR.

Upkeep and troubleshoot various controllers based on (P, PD, PI, PID, OL-CL) for : Motion,flow , pressure, level, temperature and Universal Process Controllers.

PLC communication protocols plc programming technical support microprocessor systems electrical engineering industrial automation analog and digital electronics vfd electrical installations



20– 522499

**inginer, CQ instalatii electrice, automatizari si SCADA - SC ARCIF AG SRL GALATI**

Galati | Automatizari | Productie



- întocmire documentație pentru situații de lucrări aferente lucrărilor electrice, întocmire documentație de calitate a lucrărilor și a tablourilor uzinate, inclusiv buletine încercări tablouri electrice, procese verbale (PVRM, PVRC, PVLA, PVFD etc);
- operare calculator, tabele în excel, utilizare pachet MS Office (Windows, Excel, Outlook, Power Point), Adobe Acrobat, Fine Reader, navigare Internet și altele;
- activitate de ofertare pentru achiziții și licitații;
- desenare și proiectare asistată de calculator, utilizare AutoCAD și Eplan P8;
- efectuare modificări și revizii, întocmire și execuție a documentației electrice, de uzinare și montaj, revizuire documentație în urma releveelor primite, execuție planuri de montaj, jurnale de cabluri, planuri de amplasament instalații electrice;
- elaborare documentație finală, pregătire documentație proiect pentru predare și arhivare, atât în format tipărit cât și în format electronic, gestionare și stocare adecvată a documentației;
- asigurare suport administrativ pentru departament;
- întocmire documentație pentru obținere aviz tehnic de racordare, contracte de racordare, contracte de furnizare etc. și susținerea relației cu furnizorul de electricitate.

Am urmat Facultatea de Drept, specializarea Administrație Publică, curs de contabilitate asistată pe calculator și un master în finanțe, Gestiunea financiară a afacerilor în spațiul european în urma căruia am obținut încadrarea de economist. Detin excelente abilități de organizare și planificare, comunicare și relaționare.

Anul acesta am finalizat cursurile masterului Utilizarea Eficientă a Energiei și Surse Regenerabile (UEESR) din cadrul Facultății de Automatică, Calculatoare, Inginerie Electrică și Electronică.

Poate fi contactată orice persoană cu care colaborez.

**eplan p8 acrobat adobe Microsoft Outlook ms office AutoCAD2014**



21-#ID 888229

Aug 2012 - Nov 2012

4 luni

Inginer automatist - • Eekels

Galati | IT Software | Navala / Aeronautica

Preluarea unei lucrari neterminate o masina de scos minereu din stiva dotata cu sistem SCADA si comanda ce se putea realiza si de la distanta (dispecerat). Intelegerea si corectarea algoritmilor si a instalatiei electrice unde nu a fost conforma cu procedeul tehnologic de functionare. Punerea in functiune a masinii.

Nov 2010 - Mai 2012


1 an si 7 luni

Inginer automatist - Electrosistem

Galati | Proiectare civila / industrială | Constructii

Realizarea softului in Step7 si Wincc a unui sistem SCADA ce include 3 dispecerate si 80 de utilaje pentru firele de transport minereu 3,2 si 4.

Punerea in functiune a firelor.



22-2331577

**Mai 2016 -  
prezent**

9 ani si 6 luni

**• Automation and Electrical Engineer - DMT Marine Equipment**

Galati | Inginerie | Navala / Aeronautica

Responsabilitati:

- coordonare echipa de electrică ;
- Dezvoltarea și programarea echipamentelor PLC cu TIA Portal vs14, Step7 Siemens, Logo8, WinCC, în conformitate cu solicitările clienților;
- Dezvoltare software **SCADA**;
- Debugging software și hardware PLC(Siemens S7-1200, S7-1500, S7-300);
- Configurarea și depanarea convertizoarelor de frecventa (Schneider, Allen Bradley, ABB, Siemens);
- Proiectarea instalațiilor electrice și de automatizarea cu Eplan & Autocad;
- Asamblare, punere în funcțiune, testare, întreținere;
- Furnizarea de soluții tehnice pentru optimizarea echipamentelor;
- Furnizați lista I / O;
- Verificarea echipamentului de teren;
- Dezvoltați proiectul de la zero;
- Achiziții;
- Urmărirea subcontractanților;

**AutoCAD convertizoare de frecventa **Scada** Programare PLC  
Siemens Simatic Step 7 eplan electric p8 hmi programming  
commissioning siemens tia portal**

12 years and 2 months

Automation Engineer - ICCO

Brasov | Engineering | Naval / Aeronautical

SCADA software, configuration of addressable equipment, maintenance and commissioning for airport systems of Cluj-Napoca, Constanta, Arad, with dedicated equipment type Idman, Danaid, OCEM, Locebit.

SCADA networking and maintenance of BMS and HVAC systems for

Carrefour Romania, hospitals undertaking, with equipment type and Tac Xenta and LonWorks.

Creating schemes, secondary circuits of 110 kV substations;

- E-plan P8 - Schneider PL7 - Schneider Tac Vista - Schneider Vijeo Citect - Schneider Vijeo Designer - Schneider Unity Loader - Echelon Lon Maker - ABB CL - Easy Soft - Siemens S7 - Siemens Win CC - Hama Mitsubishi

24-#ID 2444050

**PLC Designer - Polypack France**

Bucharest | Automation | Manufacturing

[remote] [project based]

Developing objects function blocks, HMI/SCADA faceplates/screens software for new prototype series machines with Siemens S7 or Allen Brandley PLC for defect analysis and packing in food and beverage industry.

Developing standard structures for function blocks, objects and for electrical wiring of machines in order to minimize errors, cost, reduce time in commissioning and optimize the process for maintenance debugging.

Structuring HMI menu interface for an easy understanding of the menu and a fast debugging of the alarms.

Developing simulation algorithms function blocks to test the inputs/outputs for test the software process offline same as in real situation to perform efficient testing to ensure all systems blocks are running at their peak.

Capable of working under high pressure, and possess excellent interpersonal skills and every time a positive attitude.

Developing commissioning manuals for setting up and configuring all I/O devices, encoders, VFD, servo drives etc.

Ability to prepare operator manuals, maintenance manuals and presentation machine capability and safety for client/end-user.



25-4073861

**Senior SCADA Engineer (Engineering Management System) - HS2 LTD**

ABROAD | Engineering | Transport / Logistics / Import - Export

- Developed technical specifications of the works information for the Engineering Management System
- Assessed industry standards are applied in the development of requirements for the Alarm Management System with the use of ISA 18.2
- Contributed to the development of the Alarm Philosophy and HMI Philosophy of the EMS
- Specified HMI requirements and functionalities with compliance to ISA101 and High-Performance HMI

- Written technical specification and control narratives for the integrated assets such as Mechanical and Electrical systems, HV Traction Power and HV Non-Traction Power systems
- Contributed to the subcomponent level integration strategy documents and system architecture diagrams
- Supported the lead engineer in identifying the ideal SCADA integration architectures for the integration of line wide systems (HV Systems SCADA, BMS, Wayside Systems, Tunnel SCADA, etc)
- Analysed technical specifications and drawings of 3rd parties (M&E BMS, HV SCADA, Tunnel SCADA), checked compliance with EMS design
- Took an active role in the PQQ evaluation for the EMS System for the assurance of SCADA systems such as EMS

### **Test and Commissioning Engineer (Contractor) - Siemens**

ABROAD | Engineering | Transport / Logistics / Import - Export

- Complied with quality procedures, processes, and guidelines.
- Provided installation and IO termination testing support for C660 for the Crossrail Elizabeth Line in London
- HV Traction Power and Non Traction Power, M&E Equipment monitoring, SCADA OPC Servers, Passenger Information Device servers, Customer Information Systems
- Provided system configurations for the SCADA Power and Utilities servers from the first start-up to future updates
- Provided I/O Checkout to the design drawings and have redlined updated done on site
- Provided Functional Testing according to the test plans and have updated test plans where gaps in system testing were identified
- Provided SCADA Integration and testing of LV metering, HV Switchgear, Traction Power Switches, Lifts, Escalators, Pumps, this involved point to SCADA testing, SCADA object functionality testing, Alarm Management function testing, Black Building Testing

- Interface testing with different types of PLCs (Simatic Step7–1500, Allen Bradley, SLC500, Schneider Electric M241, Mitsubishi, WAGO)
- Fault finding on 3rd party developed PLC code, reported bugs and offered solutions for integration and logic functions
- Used Communication Protocols DNP3.0, IEC61850, IEC60870-5-103, OPC DA/OPC UA, Modbus RTU/TCP, BACNET MSTP/IP
- **SCADA** Integration 3rd Party OPC Servers with the use of Matrikon Funneler, fault finding network and connectivity problems
- Developing scripts (BASH) for capturing testing logs and system alarms
- Developed reporting software for version control of RTU configurations, developed software for the simulation of Platform Screen Doors functionality, simulation of UPS alarms
- Analysed technical specifications and drawings, verified compliance to national and international guidelines and standards
- Took an active role in software fault finding and bug reporting
- Diagnosing faults in products and assets both in-house and in on-site environments.

26–7202648

sef tura - TRANSELELCTRICA SA


Constanta | Transport / Distributie | Energetica

Sef Tura - Statie 400/110/20 Kv Tariverde

\* coordonare, control si executie manevre accidentale si programate pentru tensiuni 0,4 - 400 Kv in sistem SCADA

\* supraveghere si interventie statie 110/400/20 KV-permanent

Salariul net: 4000 RON



27–1832195

Senior SCADA and Protection Engineer - EXIMPROD GRUP SA

Bucharest | Engineering | Energy

Achievements:

- Configuration and commissioning for more then 50 remote separators;
- Configuration and commissioning for more then 30 remote reclosers;
- Integration and commissioning TS Gaesti 110/20/6kV; TS Dragaesti 110/20 kV; TS Maxineni; TS Breaza 110/10/20 kv; TS Azuga 110/20/6kV – SCADA and protection relays TS Insuratei 110/20 kV;

Responsibilities:

- SCADA configuration realization using Automation Studio (Efacec); SicamPas (Siemens); Pacis/DS Agile.
- Protection relays configuration realization: MiCOM (Schneider/Alstom/GE); Efacec; ABB; Siemens.
- SCADA and Protection Relays commissioning and site acceptance test
- Support and UC500 debugging
- Modifying electrical diagrams in site when needed
- Inspect site circuits before powering up the system
- Analyze together with customer the implement solution
- Achievement in substation communication network: redundant fiber optical ring
- Servers instalation and configuration: Windows configuration, SQL
- Server configuration
- Ensure client interface
- Configuration/Parametrisation command relays/monitoring used in this domain

S.C. IMSAT SA Bucharest Romania 03.2016 – 08.2017

Project Manager - Automation Engineer

Achievements:

- Configuration more than 2.000 fire detector elements with afferent interlocks, for Radio Romania Service Building.
- Coordonating 3 teams of engineers and technicians on Radio Romania Service – Fire Detection Project

Responsibilities:

- Ensures that a project is completed on time and within budget, that the project's



objectives are met and that everyone else involved is doing their job properly

- Coordinate internal resources and third parties/vendors for the flawless execution of projects
- Developing project scopes and objectives, involving all relevant stakeholders and ensuring technical feasibility
- Manage the relationship with the client and all stakeholders
- Perform risk management to minimize project risks
- Establish and maintain relationships with third parties/vendors
- Create and maintain comprehensive project documentation
- Develop a detailed project plan to track progress

Sep 2019 - Dec 2019

4 months

Senior Commissioning Engineer - Project Based - ASPECTO GmbH Baden, Switzerland

ABROAD | Engineering | Energy

Achievements:

- Configuration and commissioning for 11 ABB RTU 560;

Responsibilities:

- Integration of 26 MiCOM Relays in SCADA with ABB RTU 560 with IEC-103 Protocol (down) and IEC-104 Protocol (Up).
- Modifying electrical diagrams in site when needed
- Inspect site circuits before powering up the system
- Analyze together with customer the implement solution
- Achievement in substation communication network: redundant fiber optical ring; ABB RTU 560 communication boards configuration

Mar 2016 - Aug 2017

1 year and 6 months

Project Manager/Automation Engineer - IMSAT SA

Bucharest | Engineering | Energy

- Ensures that a project is completed on time and within budget, that the project's objectives are met and that everyone else involved is doing their job properly;
- Coordinate internal resources and third parties/vendors for the flawless execution of projects;
- Developing project scopes and objectives, involving all relevant stakeholders and ensuring technical feasibility;
- Manage the relationship with the client and all stakeholders;
- Perform risk management to minimize project risks;

- Establish and maintain relationships with third parties/vendors;
- Create and maintain comprehensive project documentation;
- Develop a detailed project plan to track progress.

Apr 2014 - Mar 2016

2 years

Estimation Engineer / Automation Engineer - Honeywell International Services

Bucharest | Engineering | Oil / Gas

Achievements:

- As part of the ACS-HPS team, establish solutions and generate proposals for customers from the Oil & Gas, Power, P3, Chemical and Petrochemical industries;
- Assimilating technical knowledge and Honeywell ACS-HPS technologies in order to give the most efficient technical and economic solutions;
- Prepare and create responses to customer's requests for proposals, estimates and information as directed by the Sales and Operations teams.
- Complete technical solutions, cost estimates and proposals within required timelines

Feb 2014 - Mar 2016

2 years and 2 months

Automation Engineer - Freelancer

Bucharest | Engineering | Energy

- Maintenance for existing SCADA systems for more than 10 CFR Electrification Traction Substations 100/20 kV;
- Testing P142 and P438 Protection Relays from Areva/Schneider Electric/Alstom;
- Re-configuration signals with AREVA/Schneider Electric/Alstom C264 BCU.
- P139, P543, P642 Protection Relay integration in SCADA System with IEC 61850 protocol.

Nov 2012 - Apr 2014

1 year and 6 months

Automation Engineer - Herbing Automation S.R.L.

Bucharest | Engineering | Energy

- PACiS databases configuration realization;
- PACiS factory acceptance test, report completion and handover;
- PACiS commissioning and site acceptance tests;
- Support and PACiS debugging;
- Modifying electrical diagrams in site when needed;
- Inspect site circuits before powering up the system;
- Analyze together with customer the implemented solutions;

- Installing and configuring servers: operating system installation, configuring SQL Server;
- Development of communication network: fiber optic redundant ring;
- Configuration/Parametrization on command/monitoring relays (BCU).
- Factory Acceptance Test CFR Ploiesti dispatch and for Distance Remote Controls line CFR Campina-Predeal, direct client Colas-ISAF, end client CFR Electrificare;
- Site Acceptance Test CFR Ploiesti dispatch and for Distance Remote Controls line CFR Campina-Predeal, direct client Colas-ISAF, end client CFR Electrificare;
- Site Acceptance Test Substation 25kV CFR Valea Cernei, direct client ALSTOM Transport, end client CFR Electrificare;
- Site Acceptance Test for CFR Section Posts: PS Carbesti, PS Filiasi, PS Gilort, PS Ionesti, PS Lainici, PS Lunca Budieni, PS Prunisor, PS Severin; CFR Subsection Posts: PSS Butoiesti, PSS Cotofeni, PSS Garnita, PSS Gura Motrului 1, PSS Varciorova; CFR Distance remote controls: DRC Carbunesti, DRC Copacioasa, DRC Cernele, DRC Turceni; direct client ALSTOM Transport, end client CFR Electricare;
- Factory Acceptance Test Station Gjakova 110kV Kosovo, direct client KOST;
- Integration and commissioning for signals of TSI2 compensation coil in existing PACiS system, and graphical interface achievement for Cluj-Floresti (220/110 kV) Station, direct client Energobit Group, end client CN Transelectrica S.A.
- Maintenance for existing SCADA systems for CFR Electrificare Traction Substations 100/20 kV: TS Ortisoara, TS Lugoj, TS Resita, TS Poarta, TS Valea Alba, TS Valea Cernei, TS Strehaia, TS Plopsoru, TS Barbatesti, direct client ALSTOM Transport, final client CFR Electrificare.

Jun 2012 - Aug 2012

3 months

PRAM Engineer (Student) - Hidroserv SA

Ramnicu Valcea | Engineering | -

Measures, maintenance and electrical repairs for:

- Primary circuits;
- Transformers (20/110 kV, 20/0.4 kV);
- Circuit breakers;
- Separators;
- Insulation resistance of cables.

## **Trainings**

CNE Cernavoda - UA007

period Feb 2015 - Mar 2015

ANRE Authorization Grade II A, II B

period Feb 2015 - May 2015

Core Green Belt Training - Honeywell International Services

period Apr 2014 - May 2014

CISCO CCNA - Routing and Switching

period Feb 2014 - May 2015

PACiS Datalist Training

period May 2013 - Jun 2013

SCADA Software

IEC 61850 Training

period Feb 2013 - Mar 2013

IED's implementation in SCADA PACiS using IEC 61850

Databases configuration

period Nov 2012 - Dec 2012

Using AREVA T&D/Schneider Electric/Alstom - PACiS Software



28-326325

Jul 2016 - Aug 2016

2 months

SCADA engineer - Engie Fabricom Belgium Hoboken Yard

ABROAD | Engineering | Energy

Design SCADA screens for a station controlling offshore wind farm

Provide appropriate and timely technical advice on matters relating to SCADA and control

systems

Support the test team before the station is sail away  
beckhoff plc Zenon SCADA Software

Nov 2013 - Aug 2015

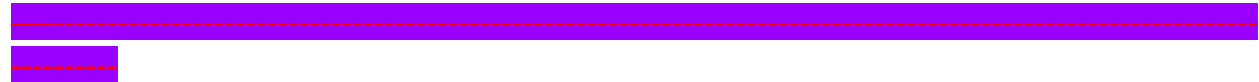
1 year and 10 months

Project Leader - Alewijnse Industrial Automation

Iasi | Engineering | Naval / Aeronautical

- Designing of electrical block diagram of an water pump station
- Revisions of projects for water pump stations
- Preparing drawings and working with P&ID's
- Working with Unity pro XL software in water pump station projects
- Designing SCADA screens in Schneider Vijeo Citect software .
- Mentoring people to achieve the projects goal
- Interactions with the people involved in projects

AutoCAD Microsoft Office eplan



29-7762128

## **Inginer SCADA - Compania Municipala Termoenergetica Bucuresti**

Bucuresti | Inginerie | Energetica

- Manevre echipamente puncte termice de la distanta.
- Citire+interpretare valori.
- Identificarea si analizarea anomaliilor din retea.
- Receptii revizie puncte termice (instalatii electrice, pompe electrice, instalatii de automatizare).
- Analiza consum energie electrica.
- Referate achiztii materiale electrice.

**Instalatii electrice Coordonare energie termica luare  
decizii**

**Iul**      **Inginer electrician - Mabec**  
**2024**      **Trading SRL**  
**- Apr**      Bucuresti | Inginerie | Constructii  
**2025**      •Achiziții materiale  
10      •Coordonare muncitori  
luni      •Analiza planuri, schițe  
      •Găsirea celor mai bune soluții  
      •Ofertare proiecte  
      **AutoCAD Automatizari Instalatii**  
      **electrice Inginerie electrica**

30–

3566962

Operation Manager, SCADA & Electrical Engineer. - CGN Europe Energy

ABROAD | Engineering | Energy

Plan and review compensation actions; enforcing policies and procedures

Analyze process workflow, employee and space requirements and equipment layout; implement changes

Maintain safe and healthy work environment by establishing, following and enforcing standards and procedures; complying with legal regulations

Meet or exceed operations labor budget expectations

Develops electrical and SCADA optimizations to improve the reliability of plants

High level support of technical team about electrical issues

High level support of technical team about communication and network issues.

Feb 2018 - present

7 years and 9 months

SCADA & Operations Engineer - CGN EE Europe Energy, Paris, France

ABROAD | Engineering | Energy

Design, commissioning and maintenance of automated systems for the control and monitoring of wind and solar parks,

Coordination and training of operation and maintenance teams; providing the necessary materials for the interventions,

Preventive and curative maintenance of medium voltage networks for distribution stations and substations 20kV / 38kV / 70kV,

Preventive and corrective maintenance of communication and SCADA Networks,

Technical support for wind preventive and curative maintenance of Senvion, GE, Enercon, Nordex and Vestas wind turbines,

On-call Service: Overhead wind and medium and low voltage networks, remote troubleshooting, reporting off intervention teams,

31–

4125880

Inginer de sistem software SCADA & DMS - Energobit

Cluj-Napoca | IT Software | Energetica

Integrare, parametrizare, punere in functie, monitorizare si mentenanta a sistemului SCADA in posturi (20/0,4 kV) si statii (110/20/6 kV) de transformare a energiei electrice.

Modelarea retelei de medie si joasa tensiune in DMS a principalelor sucursale SDEE Transilvania Nord (Cluj, Bistrita, Baia Mare, Satu Mare, Zalau)

Certificari

AutoCAD 2014

32–

2041133

Oct 2022 - prezent

3 ani si 1 luna

Şef de Stații Scada - Distribuție Energie Oltenia

Ramnicu Valcea | Inginerie | Energetica

Execută manevrele programate, sau accidentale, în stația respectivă.

Permis conducere categoria b Conducere tehnice domeniu capacitate planificare  
organizare organizarea personalului activitatilor

Sep 2021 - Sep 2022

1 an si 1 luna

Inginer PRAM - Distributie Energie Oltenia

Ramnicu Valcea | Specialisti / Tehnicieni | Energetica

Nov 2013 - Sep 2021

7 ani si 11 luni

Inginer Electronist - Distributie Energie Oltenia

Bucuresti | Inginerie | Petrol / Gaze

Responsabilitatile principale:

- realizarea activitatii de mentenanta echipamentelor; montaj, punere in functiune, reparare si intretinere echipamentelor de comunicare radio;
- asigurarea mentenantei echipamentelor electrice si electronice folosite in teren la inregistrarea, cercetarea datelor seismice;
- interventii in teren pentru programarea echipamentelor, montare antene gps, emitatoare radio mobile si portabile;
- interventii in teren la echipele din Germania, Albania, Macedonia si Bulgaria, pentru montarea echipamentelor de comunicare radio.

Contract de colaborare:

- Inginer electronist la PRO Geofizyka Krakovia in perioada 01.04.2018-15.06.2018;
- Inginer elctronist la DMT Germania in perioda 20.01.2017-15.02.2017;
- Inginer Masuratori de Electrometrie la Geotec Consulting in Macedonia in perioda 03.08.2016-24.08.2016;
- Inginer elctronist la Prospectiuni in Albania in perioda 04.07.2015-11.09.2015;
- Inginer elctronist la Prospectiuni in Bulgaria in perioda 05.11.2015-26.11.2015;
- Inginer electronist la Ageximco, interventii in teren pentru programarea echipamentelor, montare antene gps, emitatoare radio mobile si portabile;

Sep 2012 - Nov 2013

1 an si 3 luni

Bobinator - ELECTROPUTERE CRAIOVA

Craiova | Productie | Masini / Auto

Indeplinirea sarcinilor pe care le are un bobinator, realizarea si predarea bobinelor in prezenta echipei de la control.

Recomandarile pe cale le-am primit au fost sa asigur in primul rand calitatea bobinelor in etapele de realizare.

Contract de munca pe perioada nedeterminata dupa cele sase luni de stagiou.



Ian 2011 - Sep 2012

1 an si 9 luni

Sofer - Belrapid

Ramnicu Valcea | Achizitii | -

33-2342477

Inginer electrotehnist si transmisii de date - Delgaz Grid

Iasi | Transport / Distributie | Energetica

Controlul, diagnosticarea si repararea circuitelor electronice ale echipamentelor de protectie, automatizare, masura, comanda, redresoare, invertoare si transmisie de date din statiile de transformare si posturi de transformare.

Configurarea, parametrizarea releelor numerice de protectie si automatizare.

Interventia in sistemul de automatizare a distributiei (SAD) si SCADA.

Ian 2011 - Mar 2011

3 luni

Practicant - Alewijnse Training Centre Romania (ATCR), IG WATTEEUW ROMANIA SRL (din cadrul complexului B.M.T. ROMANIA SRL)

Iasi | Inginerie | Educatie / Training

Proiectul de practica platita s-a desfasurat atat la facultate cat si in diverse companii din Iasi (precum E.ON, IG WATTEEUW-BMT Group, C.E.T., etc). In Cadrul companiei IG Watteeuw (- lideri in productia de cutii de viteza si a pieteii de piese de schimb) am avut ca responsabilitati:

- programarea masinilor prin comanda directa sau simulata cu ajutorul aplicatiei eplan electric p8
- montajul, verificarea, punerea sub tensiune si reglarea echipamentelor moderne din instalatia electrica si de automatizare.

In cadrul facultatii am avut ca respobnsabilitati:

- utilizarea dispozitivelor PLC si a convertizoarelor de frecventa in automatizarea unui lift, in programul Simatic WinCC de la Siemens
- imbunatatirea aplicatiei SCADA.

Centrul de pregatire profesionala a luat fiinta in 2008 ca urmare a contractului de colaborare intre SkillTech SRL Olanda si Universitatea "Gh. Asachi" din Iasi si a desfasurat o activitate continua.

Alewijnse Training Centre Romania (ATCR) [www.atcr.home.ro](http://www.atcr.home.ro) , afiliat Facultatii de INGINERIE ELECTRICA, ENERGETICA si INFORMATICA APLICATA din Iasi, destinat

tinierilor ingineri cu profil electric (nivel universitar) si studenti in ultimul an de studii, isi desfasoara activitatea de pregatire teoretica si practica in cadrul Universitatii intr-o sala special amenajata in acest scop.

34—

4250295

Feb 2020 - prezent

5 ani si 9 luni

Inginer automatizari - Pet communication

Constanta | Inginerie | Prestari servicii

Inginer SCADA. Modificare si diagnosticare soft PLC (Siemens), configurare de la zero soft HMI. Interventii si diagnosticare probleme de natura electrica (automatizari). Lucru în WinCC 7.5/ 8, nivel mediu.

Iul 2007 - Sep 2019

12 ani si 3 luni

Ofiter electrician - Stamco Ship Management

STRAINATATE | Naval / Aeronautic | Navala / Aeronautica

Ca singur electrician pe nava, am lucrat cu scheme electrice sau de automatizare complexe, PLC-uri ( Siemens, ABB, etc.). Am fost responsabil de toata partea electrica a vaporului (exemplu: Alternatoare conectate pe ax cu generatoare diesel, automatizarea motorului principal, toate motoarele electrice, sistemul de alarmare-monitorizare-control, mentenanta si verificarea periodica a echipamentelor de navigatie, intreaga retea lan a vaporului, cat si de toate sistemele de calcul. Gestiunea pieselor de schimb electrice a intrat de asemenea in responsabilitatea mea. M-am mai ocupat de inspectia tehnica, periodica, a liftului de persoane, de sistemul cctv al vaporului cat si de inspectia, testarea si reparatiile sistemului de detectie, si alarmare la incendiu.

## **Certificari**

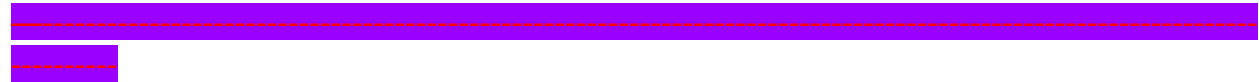
Tehnician sisteme de supraveghere, securitate, și detecție incendiu

dobandit in Mar 2024

## **Calificari**

Electrician autorizat, gradele IIA si IIB

dobandit in Nov 2019



35–1086237

Aug 2022 - prezent

3 ani si 3 luni

Tehnician SCADA - TransGaz SA

Constanta | Automatizari | Petrol / Gaze

SCADA - mentenanta sistem scada zona Dobrogea

Oct 2018 - Aug 2022

3 ani si 11 luni

Administrator Retea - ForteSystem

Constanta | IT Hardware | IT / Telecom

-Configurare si asamblare sisteme de calcul, routere, DVR-uri, servere;

-Depanare sisteme de calcul (laptopuri, unitati centrale) hardware si software

-Cablare structurata;

-Sisteme de supraveghere;

-Rezolvare de disfunctionalitati la client;

-Stabileste rolurile client-server ale componentelor din retea, distributia aplicatiilor si a serviciilor. privilegiile si restrictiile specifice;

-Ofera suport tehnic, hardware si software.

Administrare retea instalare configurare windows depanare instalare hardware software

Abilitati de comunicare si relationare Microsoft Word si Exel Proiectare cad (Nanocad)

Iul 2006 - Ian 2017

10 ani si 7 luni

Inginer de Sistem / Administrator Retea - SC Congaz SA --- Engie Romania SA

Constanta | IT Hardware | Petrol / Gaze

- Intretinerea retelei de calculatoare a firmei

(Reconfigureaza arhitectura retelei pentru optimizarea activitatii utilizatorilor;

Mentine in stare de functionare echipamentele de calcul si imprimantele;

Asigura calitatea si corectitudinea lucrarilor si informatiilor transmise);

- Configurarea echipamentelor din rețeaua de calculatoare a firmei conform necesităților și cerințelor specifice;
  - Configurarea și instalarea sistemului de operare, driver-ilor și aplicații necesare, pe mașinile de calcul;
  - Administrare Domain Controller, DHCP Server;
  - Creerea de profiluri și acordarea drepturilor de utilizare a rețelei în ActiveDirectory;
  - Executarea de setări, configurări și schimbări ale parametrilor echipamentelor active din rețea;
  - Mentenanță și service infrastructură curenti slabi
  - Creerea unui circuit de backup pentru generatorul electric de 220v;
  - Remedieri defecțiuni electrice (prize, siguranțe, cabluri)
  - Instruirea salariaților și acordarea de asistență de specialitate (Instruiește salariații și acordă asistență de specialitate pentru utilizarea corespunzătoare a rețelei informatice);
  - Oferă suport tehnic, hardware și software, celorlalți administratori ai sistemului;
  - Administrare sistemului SCADA;
- Microsoft Office Administrare rețea File server Domain controller Scada Administrare website Linux - nivel începător mentenanță software și hardware email și mesagerie electronică instalare echipamente electrice și electronice Windows Server 2008 Microsoft Windows 8 / 7 / Vista / XP depanare / instalare hardware și software server dhcp Microsoft Windows 10

36—

587029

## **SCADA Operator - Regional Water and Wastewater Company**

Bacău | Engineering | Services

Supervision and operation of the Drinking Water Treatment Plant in Bacău. (SCADA system, Data Acquisition, electrical equipment, PLC's, MODBUS networks, process data)

**data acquisition scada systems programmable logic controllers electrical equipment**

37-1663641

Sep 2019 - Feb 2021

1 an si 6 luni

Inginer dispecer - SC Termoficare Napoca SA

Cluj-Napoca | Inginerie | Energetica

Monitorizare centrale termice de cartier , centrale termice scoli, monitorizare retea de incalzire si apa calda de consum prin sistemul SCADA .

Realizare rapoarte referitor la : consumuri de energie , pierderi de apa , parametrii functionare echipamente, curatenie la obiective etc.

Rezolvarea reclamatilor primite din partea consumatorilor.

Mobilizarea echipelor de interventie in caz de avarie .

Ian 2010 - Iul 2019

9 ani si 7 luni

Sef birou proiectare instalatii, inginer tehnolog - SC OMS Romania SRL

Cluj-Napoca | Constructii / Instalatii | Constructii

Domeniu Activitate Firma: Lucrari de constructii alimentare cu apa si canalizare , statii de epurare.

Responsabilitati:

Proiectare si consultanta tehnica executie retele apa, canalizare. Proiectare si consultanta tehnica executie statii de epurare. Coordonare executie lucrari de instalatii la retele de apa , canal si statii de epurare. Achizitie echipamente si asistenta tehnica la executie si montaj instalatii hidraulice si echipamente tehnologice.

Elaborare documentatii de licitatie, documentatii tehnice de executie, proiecte tehnice si detalii de executie.

Experienta profesionala:

Coordonare executie (instalatii hidraulice, tehnologice, SCADA) statie de epurare localitatea Buzias 6874 LE, jud. Timis ,contract Fidic.

Proiectare proces tehnologic, instalatii tehnologice, instalatii mecanice si hidraulice statie de epurare localitatea Buzias, jud Timis. Punere in functiune statie de epurare  
Consultant lucrari de proces tehnologic, coordonator proiectare instalatii tehnologice si mecanice, coordonator executie lucrari mecanice si tehnologice la statia de epuare in constructie localitatea Tinca, jud.Bihor

Coordonator executie de statii de pompare apa uzata prefabricate , cu pompe submersibile , cu separatoare de solide , pompe cu montaj uscat- localitatea Osorhei, judetul Bihor.

Coordonator tehnic proiectare si consultanta tehnica pt executie (instalatii tehnologice, hidraulice, electrice si SCADA) la contractul : Alimentare cu apa potabila, retea de canalizare si statie de epurare localitatea Sangeorgiu de Padure , jud. Mures.

38-1164197

**May 2018 - present**      **Automation Engineer - Universal Alloy Corporation Europe**  
Baia Mare | Automation | Naval / Aeronautical

7 years and 6 months

- Diagnosing and resolving machine operation variations and equipment problems, including SCADA systems.
- Managing daily activities of maintenance staff in correlation with production priorities.
- Working with colleagues on special projects such as installation of new equipments.
- Performing troubleshooting and repairs for complex electrical equipment, including extrusion hydraulic presses and heat treatment ovens.
- Organizing and direct maintenance shutdowns and startups.

39-2454685

Mar 2017 - prezent

8 ani si 8 luni

Inginer Scada/PRAM - Eximprod Grup

Bacau | Inginerie | Energetica

I. Configurarea, parametrizarea si pregatirea pentru integrarea in sistemul SCADA a TNP (terminalelor numerice de protectie) de pe urmatoarele platforme:

- ABB- PCM 600 (ex: REF 615 , REF 630);
- SIEMENS DIGSI IV ( ex: 7SJ66, 7SJ64 )
- SIEMENS DIGSI V (ex:7SJ82, 7UT85)

- SELL AcSELeRator (ex:751 007)
- PHOENIX CONTACT (I/O component - IL MOD BK DI8 DO4-PAC)

II. Integrarea SCADA a terminalelor numerice de protectie utilizand urmatoarele platforme:

- SIEMENS- SICAM PAS utilizat ca unitate centrala a obiectivelor;
  - SIEMENS- WINCC utilizat interfatarea intre operator si sistem;
  - EFAEC- Automation Studio utilizat atat ca unitate centrala cat si pentru interfatarea operator sistem.
  - ABB-Viola ARC 600 utilizat ca RTU,
  - CISCO-EXIMPROD- IR809 ce utilizeaza un soft al companiei EXIMPROD GRUP SA.
- Pentru integrarea echipamentelor au fost utilizate urmatoarele protocoale de comunicatie:
- IEC 61850;
  - DNP 3;
  - MODBUS;
  - IEC-60-870-5-c-101;
  - IEC-60-870-5-c-104.

Protocoalele de comunicatie utilizeaza mai multe tipuri de conexiune cum ar fi cea seriala (RS 232, RS 485) sau cea de ethernet.

III. Pentru integrarea DCS a serverelor SCADA am utilizat o singura platforma si anume SPECTRUM POWER(SIEMENS). In general pentru conexiunea intre servere si platforma DCS se utilizeaza doar protocolul IEC-60-870-5-c-104.

IV. Impreuna cu echipa Eximprod Grup, colaboratorii si beneficiarii am realizat punerea in functie a sute de obiective.

Ian 2015 - Feb 2017

2 ani si 2 luni

Inginer Automatist - OMV Petrom

Moinesti | Automatizari | Petrol / Gaze

- Asigura respectarea reglementarilor si legilor romane, a standardelor europene si a filosofiei/ standardelor/ specificatiilor companiei pentru toate proiectele
- Participa la reviziile tehnice operationale, la evaluari si auditari, realizeaza studiile tehnice, rapoartele si memorandumurile
- Analizeaza facilitatile existente pe zona sa de productie si propune imbunatatirea proceselor, eliminarea strangularilor, actualizarile pentru scaderea in mod eficient a costurilor operationale si pentru a consolida productivitatea/ eficienta uzinelor/ echipamentelor
- Monitorizeaza si analizeaza procesele tehnice si propune masuri de reducere a defectiunilor

- Furnizeaza expertiza tehnica in toate fazele proiectului, de la validarea oportunitatii pana la inchiderea proiectului.
  - Asigura informatii relevante privind costul si programarea proiectului, pentru o planificare cat mai corecta.
- digilent power factory

Mar 2013 - Dec 2014

1 an si 10 luni

Inginer Scada/PRAM - Eximprod Grup

Iasi | Inginerie | Energetica

Configurarea de echipamente inteligente si integrarea acestora in sistemul local si central a acestora.

Realizare configuratii PRAM/SCADA in 26 de statii de transformare.

Microsoft Office Modbus win cc sisteme scada sicam pas iec 61850 digsi 4 DNP 3  
spectrum power CLP 500/efacec IEC 60870-5-101/103/104



40–

2434332



13 ani si 10 luni

## **Inginer Automatist - SAIP AUTOMATION**

Targu-Mures | Inginerie | Energetica

- Responsabil de Proiectarea, Executarea, Testarea si Punerea în Funcțiune a echipamentelor de Control și Monitorizare **SCADA** (WinCC+SCC) , inclusiv a rețelei de comunicații (Switch/Router) și restul echipamentelor din sistemul informatic (SIPROTEC4/5, SICAM PAS, SCC+WinCC).
- Responsabil de executarea lucrărilor de Engineering și managmentul proiectelor in diferitele faze ale acestora in contact direct cu clientul final (Pre-FAT, FAT, SAT).
- Optimizarea și imbunătățirea sistemului **SCADA** prin propunerea de soluții tehnice adecvate.
- Responsabil de întocmirea de rapoarte de activitate, instrucțiuni si documentații de operare și utilizare, proceduri operaționale, fișe tehnologice pentru echipamente.
- Intocmirea rapoartelor de non-conformitate apărute pe parcursul etapelor desfășurate pe proiect și găsirea soluțiilor viabile, optime și rapide pentru buna funcționare a sistemului până la soluționarea defectelor.
- **DIGSI v4 si v5 - SICAM PAS - WinCC**

Inginer Automatist - SAIP AUTOMATION

Targu-Mures | Inginerie | Energetica

- Responsabil de Proiectarea, Executarea, Testarea si Punerea în Funcțiune a echipamentelor de Control și Monitorizare SCADA (WinCC+SCC) , inclusiv a rețelei de comunicații (Switch/Router) și restul echipamentelor din sistemul informatic (SIPROTEC4/5, SICAM PAS, SCC+WinCC).

- Responsabil de executarea lucrărilor de Engineering și managmentul proiectelor in diferitele faze ale acestora in contact direct cu clientul final (Pre-FAT, FAT, SAT).

- Optimizarea și imbunătățirea sistemului SCADA prin propunerea de soluții tehnice adecvate.

- Responsabil de întocmirea de rapoarte de activitate, instrucțiuni si documentații de operare și utilizare, proceduri operaționale, fișe tehnologice pentru echipamente.

- Intocmirea rapoartelor de non-conformitate apărute pe parcursul etapelor desfășurate pe proiect și găsirea soluțiilor viabile, optime și rapide pentru buna funcționare a sistemului până la soluționarea defectelor.

- DIGSI v4 si v5 - SICAM PAS - WinCC

Nov 2023 - prezent

2 ani

Specialist Engineer - SIEMENS SRL, Bucuresti

Targu-Mures | Inginerie | Energetica

- Responsabil de Proiectarea, Executarea, Testarea și Punerea în Funcțiune a echipamentelor de Control și Monitorizare SCADA , inclusiv a rețelei de comunicații și a echipamentelor anexe din sistemul informatic.

- Responsabil de executarea lucrărilor de Engineering și Managmentul proiectelor in diferitele faze ale acestora in contact direct cu clientul final (Pre-FAT, FAT, SAT).

- Optimizarea sistemului SCADA in vederea imbunătățirii stabilității sistemului, a experienței utilizatorului și a creșterii performanței sistemului informatic.

- Responsabil de întocmirea de rapoarte de activitate, instrucțiuni și documentații de operare și utilizare, proceduri operaționale, fișe tehnologice pentru echipamente.

- Intocmirea rapoartelor de non-conformitate apărute pe parcursul etapelor desfășurate pe proiect și găsirea unor soluții optime și rapide pentru buna funcționare a sistemului până la remedierea problemelor ivite inopinant în tot procesul.

- Familiarizat în această perioadă cu echipamentele/softurile industriale Ruggedcom, SIPROTEC 5, SICAM A8000 RTU, Meinberg / Sicam Device Manager, OPM ToolBox II și SCC+WinCC.

Mar 2022 - prezent

3 ani și 8 luni

Inginer Automatist - FrieslandCampina

Targu-Mures | Automatizari | Alimentara

- Responsabil cu implementarea tehnologiilor și soluțiilor de digitalizare a fabricii în vederea creșterii indicatorilor KPI, a randamentului liniilor de producție și scăderea costurilor de producție și mentenanță efectivă.

- Integrarea de soluții de contorizare folosind tehnologiile industriale 4-20mA și IO-Link IFM în vederea eliminării erorilor umane de citire a valorii măsurate.

- Mentenanța și calibrarea unor mari varietăți de senzori pe liniile de producție (presiune, temperatura, nivel, conductivitate, umiditate, vibrații, poziție, etc.) cu comunicație IO-Link sau HART.

- Configurarea echipamentelor industriale (convertizoare frecvență Danfoss și Siemens, convertitoare seriale ICP Con, traductoare de temperatură, contoare digitale cu comunicație MODBUS, automate programabile, etc.)

- Calibrare valve pneumatice Samson, electrice și hidraulice, actuatoare

- Troubleshooting și reconfigurare logică a PLC-urilor Siemens & Omron cu comunicație ProfiNet, Profibus, etc.

- Familiarizat în această perioadă cu echipamentele/softurile industriale SIEMENS (TIA PORTAL), IFM (MONEO), Danfoss, SMC, Endress + Hauser, FESTO, Rejector produse neconforme FTSsystem, etc.

WinCC WinCC Flexible Profibus Programare PLC hmi Siemens Simatic Step 7 tia portal Ladder Diagram

### Certificari

SIEMENS Power Academy, Automatica, Calculatoare, Erlangen, Bavaria, Germania  
perioada Mai 2015 - Iun 2015

SICAM PAS Advance Certificate

SIEMENS Power Academy, Automatica, Calculatoare, Erlangen, Bavaria, Germania  
perioada Aug 2014 - Sep 2014

e-Test IT Networks Part 2 - Automation Practice

SIEMENS Power Academy, Automatica, Calculatoare, Erlangen, Bavaria, Germania  
perioada Iul 2014 - Aug 2014

e-Test SICAM PAS - Automation with CFC, ST and SFC

SIEMENS Power Academy, Automatica, Calculatoare, Erlangen, Bavaria, Germania  
perioada Iul 2014 - Aug 2014

e-Test DIGSI 4 - IEC61850 and GOOSE Configuration

SIEMENS Power Academy, Automatica, Calculatoare, Erlangen, Bavaria, Germania  
perioada Iun 2014 - Iun 2014

e-Test IT Security Part 1- Principles

SIEMENS Power Academy, Automatica, Calculatoare, Erlangen, Bavaria, Germania  
perioada Mai 2013 - Mai 2013

SICAM PAS SAS Certificate

Universitatea Petru Maior, Telecomunicatii, Târgu Mureș, Județul Mureș, România  
perioada Ian 2010 - Mar 2012

CCNA , Cisco Certified Network Associate Module 1

---

42–520647

Nov 2014 - Nov 2015

1 an si 1 luna

Inginer automatist - SAUTER Control

Bucuresti | Automatizari | Energetica

Vrericarea proiectelor de automatizare(verificare hardware/scheme pentru tablouri  
electrice și acționari electrice) si logica de implementare pentru diverse aplicatii.

Punerea in functiune a sistemelor scada si BMS.

Iun 2012 - Nov 2014

2 ani si 6 luni

Inginer automatist - UTI Grup

Bucuresti | Inginerie | Energetica

Mentenanța și service în sisteme de automatizari și curenti slabi.

---

43–

2551046

SCADA & Automation Project Manager - Adrem Engineering

Bucuresti | Automatizari | Energetica

Coordonare si supraveghere pe proiecte destinate transportului de gaz natural la nivel national, in domeniul automatizarilor industriale si SCADA.

Mentinerea unei comunicari eficiente cu departamentele interne (juridic, HR, achizitii, logistica, dept tehnic, ofertare, QA/QC, SSM etc) si colaborarea stransa cu partenerii externi (sefi de santier, antreprenor general, subcontractori si furnizori).

Planificarea si supravegherea echipelor implicate, de cele mai multe ori multidisciplinare, formate din ingineri, manageri de lucrari, controlori de documente. Evaluarea necesarului de resurse materiale, financiare si umane pentru derularea contractului/proiectului.

Generarea, urmarirea si actualizarea Graficului de executie GANTT (Microsoft Project), planificarea testelor de fabrica, SAT si PIF in conditiile contractuale.

Participarea la intalniri periodice cu echipa de management pentru a raporta progresul proiectului, provocarile intalnite, solutiile propuse, actualizari ale bugetului de venituri si cheltuieli.

Gestionarea contractelor si devizelor cu antreprenorul general si alti contractori si furnizori de bunuri si servicii necesare proiectului.

Intocmirea situatiilor de lucru, rapoartelor de activitate, proceselor verbale de receptie, adreselor si notificarilor in relatia cu clientii, furnizorii si subcontractantii, propune formatele de contract in vederea achizitiei de echipamente si servicii

Asigurarea conformitatii cu reglementarile si standardele in vigoare.

Monitorizarea bugetelor alocate si asigurarea faptului ca obiectivele financiare sunt indeplinite.

Evaluarea si gestionarea riscurilor, problemelor si schimbarilor care apar in proiect, asigurand ca masurile corective sunt implementate dupa cum este necesar.

Monitorizarea continua a calitatii lucrarilor si implementarea masurilor pentru a se asigura ca proiectele sunt livrate la cele mai inalte standarde de calitate.

Participarea la sedintele de inginerie de pe intreg parcursul proiectului, atat in faza de proiectare cat si in cele de achizitii, testare, executie si punere in functiune. Vizite in site pentru urmarirea progresului lucrarilor.

AutoCAD Microsoft Project Eplan plc programming Programare PLC Ladder Diagram sisteme scada cunostinte retelistica studio 5000 management tehnic instalatii hidraulice flashbutt welding technology

Iun 2021 - Feb 2023

1 an si 9 luni

Aftersales Manager / Inginer automatist - Contrail Machinery

Bucuresti | Automatizari | Productie

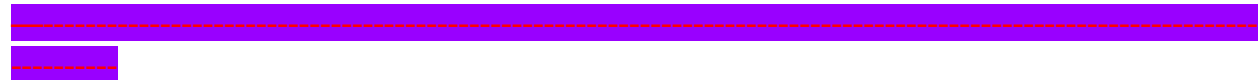
In perioada in care am ocupat pozitia de Service Manager:

- crearea si dezvoltarea departamentului Service al companiei, crearea metodologiilor de lucru, procedurilor si instructiunilor. Definirea activitatii de service, targetelor

trimestriale si anuale de departamentului, lucrul cu bugetele alocate. Dimensionarea si achizitia necesarului de echipamente si scule necesare fiecarui tehnician.

- planificare interventii in teren si de la distanta, suport tehnic in cadrul actiunilor de service, trainingul angajatilor noi din cadrul mai multor departamente (productie si service) pe domeniile mele de expertiza (electrica, electronica, hidraulica, mecanica)
- ofertare servicii si piese de schimb in baza si in urma diagnozelor efectuate de catre Departamentul Service, precum si in urma solicitarilor directe
- mentinerea si dezvoltarea relatiilor cu clientii companiei In perioada in care am ocupat pozitia de Inginer Automatist:
- verificare si parametrizare echipamente electrice, electronice, pneumatice si hidraulice aflate in componenta unor instalatii complexe (generator electric + sistem hidraulic + pompe hidraulice + elemente electrice de forta si de comanda + comanda integrata PLC + HMI)
- teste functionale si calibrari echipamente iesite de pe linia de productie
- diagnoza, verificare si imbunatatire echipamente aflate in utilizarea clientilor (deplasari si by remote). Majoritatea clientilor se afla in afara tarii (Egipt, SUA, India, Tanzania, Turcia, Namibia, Africa de Sud, Uruguay, Israel etc)
- participarea la sedintele si proiectele de R&D in departamentul de hidraulica si electric/automatizari. Mai multe solutii de imbunatatire propuse se afla deja in utilizare pe echipamentele existente.

AutoCAD Eplan plc programming Programare PLC Ladder Diagram Team Management cunostinte retelistica studio 5000 Managementul echipei management tehnic instalatii hidraulice FBD language flashbutt welding technology



43–140771

Inginer Automatist - CNE

Cernavoda | Automatizari | Energetica

Mentinerea configuratiei de exploatare la zi cu documentatia.

Documentarea modificarilor de proiect.

WinCC Flexible Profibus Scada Programare PLC Siemens Simatic Step 7 tia portal pid instrumentation siemens tia portal

Sep 2019 - prezent

6 ani si 2 luni

Plc programmer - Preotescu Nicolae-Bogdan PFA

Slatina | Altele | Prestari servicii

Nov 2021 - Apr 2022

6 luni

Inginer Automatist - Saint Gobain Iover

Ploiesti | Specialisti / Tehnicienii | Constructii

Interventii accidentale si preventive.

SCADA Wincc, Tia Portal si Step 7.

WinCC Siemens Simatic Step 7 tia portal

Iul 2020 - Iul 2021

1 an si 1 luna

PLC Programmer - Coskunuz MA

Dragasani | Automatizari | Masini / Auto

PLC SIEMENS, Roboti KUKA, masini de sudura OBARA, prese ambutisaj FAGOR.

Mentenanata accidentala si preventiva.

Modificari/adaugiri in programe conform cerintelor.

plc programming Siemens Simatic Step 7 tia portal kuka robots

Ian 2019 - Sep 2019

9 luni

Automation Engineer - Prysmian

Slatina | Inginerie | Productie

Tia Portal PLC and Step 7 programmer - development and change the actual programs.

Preventive and accidental maintenance for extrusion line - Cerrini, Nextrom, Rosendahl.

Integration/comissioning new machines on the lines. I prepare KPI and analysis for breakdown time. I keep under control electrical spare parts.

Mai 2018 - Ian 2019

9 luni

Plc programmer - Hella

Lugoj | Inginerie | Masini / Auto

Step 7, TIA PORTAL, E-Plan, pneumatics, Cognex, Keyence, GXWorks and GXDeveloper...

Ian 2018 - Mai 2018

5 luni

Automation Engineer - Maintec Service SRL-Krones AG

STRAINATATE | Inginerie | Alimentara

Commissioning...

ASi networks - programming and setup for/with: Bihl&Widemann Master Profibus DP Gateway and Analog Module, B&H ASi Master with integrated Safety Monitor, IFM Master and Slaves, Pepper Fuchs modules and programmer, ASi Mon software.  
Profibus DP networks - wirings, programming and fault finding for Siemens devices: DP/DP Coupler, ET 200, Repeter... Troubleshooting - Tester PBT4.  
Profinet networks - wirings, setup and fault finding; Scalance, Danfoss inverter FC302, ASi master with 2 port of Profinet from B&W...  
S7 300 family: wirings, setup and fault findings.

Feb 2013 - Jan 2018

5 ani

Inginer automatist si SCADA - Compania de Apa Olt

Slatina | Inginerie | Protectia mediului

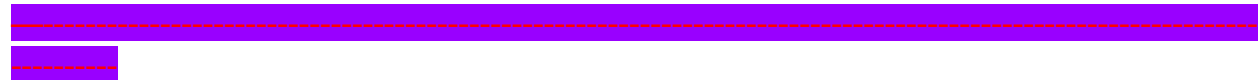
Supraveghere si continua imbunatatire a procesului de epurare a apelor uzate orasenesti.

Lucrari de mentenanta accidentala si preventiva la echipamente ale firmei separatoare si ingrosatoare mecanice Hubber, separatoare Gea Westfalia, AWT, suflante Aerzen, senzori de PH, turbiditate, amoniu, nitrat si oxigen dizolvat Endress & Hauser, pompe ABS, Netzch si Wilo echipamente Di Tech...

Intretinerea si imbunatirea solutiei de automatizare/SCADA construite in jurul S7 300 + WinCC Flexible, in functie de cerinte impuse de evolutia procesului.

P&ID.

plc programming Siemens Simatic Step 7 tia portal kuka robots WinCC WinCC Flexible Profibus Scada Programare PLC pid instrumentation siemens tia portal



44-3668093

Dec 2016 - Dec 2017

1 year and 1 month

Software Engineer & Senior Scientific Researcher III - INCDT COMOTI

Bucharest | Automation | IT / Telecom

- Programming and maintenance of PLC software for turbomachinery automation systems from beneficiaries such as OMV Petrom, Transgaz;
- Programming and maintenance of HMI operating panels for turbomachinery automation systems;
- Programming and maintenance of SCADA systems which supervise one or more PLC;



- Remote data transmission between the automation systems put into service and a data center;
  - Remote data transmission between an internal data server and local experimental test beds;
  - Testing the behavior of a wireless network considering the signal level and the data integrity during traffic conditions within industrial environment;
  - Achievement of scientific papers with the obtained research results.
- siemens step7 oracle vm virtualbox Matrikon OPC Remote utilities

May 2014 - Dec 2016

2 years and 8 months

Software Engineer & Scientific Researcher - INCDT COMOTI

Bucharest | Automation | IT / Telecom

- PLC software programming, SCADA programming and HMI programming for the institute experimental test beds and for turbomachines which were put into service to beneficiaries such as OMV Petrom, Petrofac, MND A.S.;
- Software testing and errors removal;
- Equipment communication debugging by selecting the suitable protocol and configuring the network parameters;
- Training of personnel designated to operate the programmed software applications;
- Designing electrical drawings for product execution;
- IT related issues turned into scientific papers funded by national research program;
- Submit of IT related proposals at national competitions for research funding applications.

mysql programming rs linx rs logix 5000 FactoryTalk View Machine Edition

Nov 2010 - May 2014

3 years and 7 months

Software Engineer & Scientific Research Assistant - INCDT COMOTI

Bucharest | Automation | IT / Telecom

- Training on PLC software programming from providers such as GE, Allen Bradley, Siemens;
- Training on SCADA runtime software programming;
- Training on HMI software programming;
- Publishing of software engineering related articles in journals and books as an author;
- IT Help Desk activities within the department;
- Attending to conferences and events in the field of research.

versa pro cimplicity hmi proficy machine edition Eplan Electric data designer visu+

45– 1857063

System Engineering Leader - Renault Technologies Romaine

Bucharest | Engineering | Auto / Automotive

Engineering:

- Development and industrialization of the Sonar system in accordance with the requirements and regulations. Functions made by Sonar System: UPA/FKP (Ultrasonic Park Assist / Flank Protection); BSW (Blind Spot Warning); HFP (Hands Free Parking)
- Contribution to the system performance by validating the necessary technical solutions to ensure the functionality and integrity of the system (services, regulations, functional requirements, performance, maintenance).
- System Validation and management of specifications

Project management:

- Coordination with suppliers in order to ensure compliance of deadlines and allocated budget.
- Coordinating the work group, analyzing the results, identifying the hard points and proposing solutions

Project management Leadership.

Jun 2017 - May 2020

3 years

Energy Engineer - ROENER

Bucharest | Engineering | Energy

- Conduct energy audits to evaluate energy use, costs, or conservation measures
- Monitor and analyze energy consumption
- Conduct jobsite observations, field inspections, or sub-metering to collect data for energy conservation analyses
- Perform energy modeling, measurement, verification, commissioning, or retro-commissioning
- Make recommendations regarding energy fuel selection.

Sep 2014 - Dec 2016

2 years and 4 months

Instrumentation/Automation/Telecom Engineer - Saipem

ABROAD | Engineering | Construction

Projects:

KUWAIT - BS-171 Project – Start date / End date 04/2015 – 11/2016

- Maintain regular contact with the site manager and company personnel, to ensure compatibility and aims and objectives on a regular basis

- Over see the instruments installation
  - Carry out site inspection and prepare documentation
  - Manage resources (manpower, materials, equipment and service suppliers)
- SAT with Company for the telecom systems: PAGA, CCTV, ACS, IDS, LAN, WAN

U.A.E , Abu Dhabi - Shah Gas Project – Start date / End date 09/2014 – 03/2015

- Calibration of instruments (PT, FT, LT, TT)
- Supervision of Executing Process Instrument Installation of all types of field instruments by technical reference on location plot plan, hook drawing and P&ID
- Instrumentation Loop Checking & Functional Test activities with Al Hosn Gas - Abu Dhabi Gas Development Company Limited Operation & Commissioning Team
- Commissioning of PAGA system

Mar 2014 - Jun 2014

4 months

Automation Estimator - Honeywell International

Bucharest | Engineering | IT / Telecom

- Design of automation system architecture
- Back office support to Account Manager

Oct 2012 - Feb 2014

1 year and 5 months

Automation Engineer ( SCADA/DCS ENGINEER) - SC HERBING SRL

Bucharest | Engineering | IT / Telecom

Analyse system specifications

- Develop DCS configuration database (PACiS system - Schneider Electric)
- Perform internal validation tests on the integration platform
- Perform Factory Acceptance Tests (FAT) with the customer
- Perform Site Acceptance Tests (SAT) with the customer
- Perform maintenance to existing systems.
- DCS/SCADA Commissioning

Projects:

1. Didube Substation 220/110/35/6 kV , Georgia,Tbilisi

- Commissioning & power on procedure for DIDUBE substation 220/110/35/6 kV Georgia,Tbilisi : 5 OHL 110 kV, direct customer Schneider Electric, final customer GSE.

2. ATSA Romania

Modernization Of The Power Supply Installations Afferent To Timisoara - Caransebes - Craiova and Targu Jiu Electrification Centers

- Commissioning & power on procedure for Barbatesti (110/25 kV) with direct client Alstom Transport and final client CFR-Electrification

- Commissioning & power on procedure for Valea Cernei (110/25 kV) with direct client Alstom Transport and final client CFR-Electrification
- Commissioning & power on procedure for Resita Nord ( 110/25 kV) with direct client Alstom Transport and final client CFR-Electrification
- Commissioning & power on procedure for on-line post with direct client Alstom Transport and final client CFR-Electrification

#### Trainings

E&C Oil&Gas Onshore Projects

period May 2014 - Aug 2014

Location: Milan, Italy

Description: The scope of the training was to prepare me for the position of Instrumentation/Automation/Telecom Engineer.

DCS/SCADA

period Oct 2012 - Nov 2012

Training of PACIS system from Schneider Electric.

Training of communication protocols like: Modbus, Profibus, IEC61850

#### Certifications

ANRE

period Apr 2014 - May 2014

Electrician ANRE IIA/IIB



46–198735

Jun 2018 - Feb 2019

9 months

Maintenance Engineering Technician – ( Permanent Contract ) - Dematic Ltd. UK

ABROAD | Automation | Food and Drinks

[www.dematic.com](http://www.dematic.com)

Engineering Technician team leader with a mechanical/ electrical competency.

Fully automated logistic solution for retail industry. Cranes, Multi Shuttle, Conveyors, Rapid Pick Stations Customer Service for Tesco.com Erith Schedule repairs in accordance with the manufacturer recommendation and industry standard practice.

Mechanical, Electrical, Electronic PLC and PC knowledge, Prioritise system faults, Record all work undertaken. Involved in continuous improvement, Ensure on-site spares kept to optimum levels. Knowledge to working in Scada System and MMS (Maintenance Management System) Trained to working at Height, Rescue at Height and IOSH for Engineering

scada system working at height IOSH for engineering Resque at Height MMS  
(Maintenance Management System)

47– 8065406

Inginer SCADA - Eximprod Engineering

Bucuresti | Inginerie | Energetica

- ❖ Implicare in proiecte de OMS pentru diversi clienti ai companiei prin: sedinte cu clientul pentru stabilirea functionalitatilor de care au nevoie, sedinte de workshop pentru validarea acestora, sesiuni de FAT, testari algoritmi de calcul ai indicatorilor QoS si al rapoartelor in confirmitate cu Ordinul 46/2021, data cleansing si importuri masive de baze de date de clienti si ADMS, validari interfete non-SCADA.
- ❖ Responsabil platforma ADMS pentru unul dintre clienti, realizez troubleshooting pentru problemele aparute la nivel de servere/sistem.
- ❖ Integrari in dispecerat si testare in vederea PIF a instalatiilor (statii, posturi de transformare si echipamente de comutatie).

Automatizari Instalatii electrice Inginerie electrica

48–

Technical Manager

Nanotech Lucrător independent Nanotech Lucrător independent

aug. 2018 - Prezent · 7 ani 3 luni aug. 2018 - Prezent · 7 ani 3 luni

Egypt Egypt

Nanotech, an organization having great experience and knowledge base in the field of instrumentation,

Process control and Automation and a center for specialized and customized control panel building.

Nanotech's great experience is in PLC programming and SCADA development for SIEMENS products.

Nanotech was established by Ahmed Essam and have been in business of automation for the last 5 years. Nanotech, an organization having great experience and knowledge base in the field of instrumentation, Process control and Automation and a center for specialized and customized control panel building. Nanotech's great experience is in PLC programming and SCADA development for SIEMENS products. Nanotech was

established by Ahmed Essam and have been in business of automation for the last 5 years.

Programmable Logic Controller (PLC), Siemens Tia Portal și +8 aptitudini

Engineer

Engineer

Engineer

EnconEncon

PLC Programming și Electrical Engineering



49-2330266

SCADA/CCN Engineer - Inginer Proiectant Automatist - SC SAIP Automation International SRL

Targu-Mures | Inginerie | Energetica

DESIGN SCADA: Pentru control echipamente din statiile si substationele electrice, inclusiv elemente de retea, rele de protectie, dispozitive cu control de la distanta, PLC-uri si alte dispozitive de masura, control si instrumentatie de proces.

CONFIGURATIA: Intregului sistem SCADA cat si al componentelor individuale, reletelor de comunicatie, conceptului de redundanta si al functiilor necesare.

INTEGRAREA: Sistemelor noi si/sau sistemelor noi in configuratiile existente, a specificatiilor si a interfetelor.

PARAMETRIZAREA: Sistemelor de control, substationilor, releelor de protectie si a dispozitivelor cu control de la distanta.

PROGRAMAREA: Logicilor specific clientilor, a interblocajelor tehnologice, transformatoarelor si modulelor achizitie de date si control.

TESTAREA FUNCTIONALA: Internal acceptance test (IAT), Factory acceptance test (FAT) si Site acceptance test (SAT).

COMMISSIONING: Pentru sistemele de control, a substationii electrice, a releelor de protectie, a dispozitivelor cu control de la distanta si a dispozitivelor de masura.

MENTENANTA: Tuturor dispozitivelor SCADA din statia/substationia electrica.

TRAINING: Pentru personalul clientului, on site.

DOCUMENTATIE: Specifica, in mai multe limbi (Romana, Maghiara, Engleza, Franceza, Germana, etc) pentru sistemul SCADA conceput si pus in functiune de noi.

TEHNOLOGII: SIEMENS SICAM PAS/PQS, Telecontrol and Automation System, SIEMENS WinCC/SCC, DIGSI5, SIEMENS TOOLBOX II.

Programare WinCC Scada sicam pas toolbox ii SICAM PQS DIGSI5

Mai 2015 - Dec 2016

1 an si 8 luni

Inginer Automatist - SC Spoting SA

Targu-Mures | Inginerie | Chimica

- Supervizor lucrari automatizari si mentenanta instalatiile Acid Azotic, Azotat de Amoniu, Arionex, Adex.
- Responsabil ofertare proiecte noi de investitii.
- Responsabil alocare resurse umane si financiare pe proiectele noi de investitii in cadrul instalatiilor deservite.
- Intocmirea rapoartelor zilnice, saptamanale si lunare.
- Instruirea automatistilor in vederea utilizarii noilor echipamente instalate in instalatii.

Sep 2014 - Mai 2015

9 luni

Inginer Productie - SC Romcab SA

Targu-Mures | Productie | Comert / Retail

- Planificarea, lansarea si urmarirea productiei de cabluri.
- Intocmirea de previz de productie pentru zilele urmatoare.
- Intocmirea de rapoarte zilnice, saptamanale si lunare de productie.
- Reducerea pierderilor de productie prin reutilizarea materialelor in diferite procese.
- Optimizarea proceselor de productie.

Proiecte

KANGAN 132kV Substation - IRAN

perioada Iun 2019 - Iul 2019

- Technologies: SICAM PAS, SIMATIC WinCC
- Mission: Engineering, Internal Acceptance Test (IAT), Documentation
- Location: Romania

ITER 400/20/6kV Nuclear Fusion Research Centre - FRANCE

perioada Mai 2019 - Mai 2019

- Equipements: MOXA industrial switchces, SIEMENS BC1703ACP
- Technologies: SIMATIC WinCC. Toolbox II
- Mission: Engineering, pre Factory Acceptance test (preFAT), Documentation
- Location: Romania and Barcelona, SPAIN

DHOFAR 132/33kV Windfarm - OMAN

perioada Ian 2019 - Nov 2019

- Equipements: SIMATIC IPC227E Nanobox Embedded IPC, Ruggedcom RSG2100 industrial switches and Ruggedcom RX1500 industrial router/firewall, HOPF 6844RC GPS Timeserver.
- Technologies: SICAM PAS, SIMATIC WinCC

- Mission: Engineering, Commissioning (COM), Site Acceptance Test (SAT), Documentation
- Location: Romania, Goerlitz, Germany and Thumrait/Salalah, Oman  
STEG XII - Poste de Nabeul 225kV - TUNISIA  
perioada Ian 2019 - Feb 2019
- Equipements: SICAM Station unit v2.40 PC, SIMATIC IPC547G Advanced IPC, Ruggedcom RSG2100 and Ruggedcom RS900 industrial switches, HOPF 6844RC GPS Timeserver.
- Technologies: SICAM PAS, SIMATIC WinCC
- Mission: Engineering, pre Factory Acceptance test (preFAT), Factory Acceptance test (FAT), Documentation
- Location: Romania and Tunis, Tunisia  
UNGHENI 220/110/20kV - Substation modernization - ROMANIA  
perioada Iun 2018 - Nov 2019
- Equipements: SIMATIC IPC547G Advanced IPC, Ruggedcom RSG2100, Meinberg M300 GPS Timeserver.
- Technologies: SICAM PAS, SIMATIC WinCC
- Mission: Engineering, pre Factory Acceptance test (preFAT), Factory Acceptance test (FAT), Documentation
- Location: Ungheni, Romania  
OCNA MURES 110/20/6kV - Substation modernization - ROMANIA  
perioada Ian 2018 - Nov 2019
- Equipements: SIEMENS AK3, SIMATIC IPC547G Advanced IPC, Ruggedcom RSG2100, Meinberg M200 GPS Timeserver.
- Technologies: SICAM PAS, SIMATIC WinCC
- Mission: Engineering, pre Factory Acceptance test (preFAT), Factory Acceptance test (FAT), Site Acceptance test (SAT), Commissioning (COM), Documentation
- Location: Ocna Mures, Romania  
STEG XII - Poste de BEN AROUS 90/33kV - TUNISIA  
perioada Ian 2018 - Nov 2019
- Equipements: SICAM Station unit v2.40 PC, SIMATIC IPC547G Advanced IPC, Ruggedcom RSG2100 and Ruggedcom RS900 industrial switches, HOPF 6844RC GPS Timeserver.
- Technologies: SICAM PAS, SIMATIC WinCC
- Mission: Engineering, pre Factory Acceptance test (preFAT), Factory Acceptance test (FAT), Site acceptance test (SAT), Commissioning (COM), Troubleshooting, Documentation
- Location: Romania, Tunis and Ben Arous, Tunisia  
STEG XII - Poste de SOUSSE2 225kV - TUNISIA  
perioada Ian 2018 - Nov 2019



- Equipements: SICAM Station unit v2.40 PC, SIMATIC IPC547G Advanced IPC, Ruggedcom RSG2100 and Ruggedcom RS900 industrial switches, HOPF 6844RC GPS Timeserver.
- Technologies: SICAM PAS, SIMATIC WinCC
- Mission: pre Factory Acceptance test (preFAT), Factory Acceptance test (FAT), Site acceptance test (SAT), Commissioning (COM), Troubleshooting, Documentation
- Location: Romania, Tunis and Sousse, Tunisia  
STEG XII - Poste de RADES3 225kV - TUNISIA  
perioada Ian 2018 - Nov 2019
- Equipements: SICAM Station unit v2.40 PC, SIMATIC IPC547G Advanced IPC, Ruggedcom RSG2100 and Ruggedcom RS900 industrial switches, HOPF 6844RC GPS Timeserver.
- Technologies: SICAM PAS, SIMATIC WinCC
- Mission: Engineering, pre Factory Acceptance test (preFAT), Factory Acceptance test (FAT), Site acceptance test (SAT), Commissioning (COM), Troubleshooting, Documentation
- Location: Romania, Tunis and Rades, Tunisia  
STEG XII - Poste de CHOTRANA 225/90/33kV - TUNISIA  
perioada Dec 2017 - Nov 2019
- Equipements: SICAM Station unit v2.40 PC, SIMATIC IPC547G Advanced IPC, Ruggedcom RSG2100 and Ruggedcom RS900 industrial switches, HOPF 6844RC GPS Timeserver.
- Technologies: SICAM PAS, SIMATIC WinCC
- Mission: Engineering, pre Factory Acceptance test (preFAT), Factory Acceptance test (FAT), Site acceptance test (SAT), Commissioning (COM), Troubleshooting, Documentation
- Location: Romania, Tunis and Chotrana, Tunisia  
SIGUS Cementerie 225/11kV Substation - ALGERIA  
perioada Oct 2017 - Mar 2018
- Equipements: Control relays of SIEMENS 6MDxx family, SICAM Station unit v2.40 PC, SIMATIC DP/DP Coupler, Ruggedcom RSG2100 industrial switches.
- Technologies: SICAM PAS, DIGSI5
- Mission: Engineering, Factory Acceptance test (preFAT), Documentation
- Location: Romania and Belley, France

50-7352456

Aug 2004 - prezent

21 ani si 3 luni

Inginer coordonator - Distributie Energie Electrica Romania

Alba Iulia | Automatizari | Energetica

-Coordonarea echipelor in activitatea de exploatare-mentenanță a instalatiilor de protectii, automatizări si măsură la posturi si statii de transformare

-Implicare in activitatea de testare aferente sistemelor pentru informatica de proces: sisteme de autentificare si identitate, sisteme ce permit accesul in retea, solutii de management al sistemelor informatice, servere si alte sisteme informatice si de telecomunicatii aferente platformei SCADA

Managementul echipei orientare spre indeplinirea sarcinilor coordonarea activitatii echipei

---

51-#ID 592312

May 2007 - Aug 2012

5 years and 4 months

Automation Engineer - Hydro-Engineering

Resita | Engineering | Energy

- Programming: PLC, HMI and SCADA Systems (Telemecanique, General Equipment Automation)

- Tests, Commissioning and Maintenance for Electrical and Automation Equipment Specific to Micro Hydro Power Projects

- Involved In Several Hydro Power Plants Projects, One Of The Most Important Project Being The Energy Recovery System Târnița On Drinking Water Pipe At Cluj-Napoca.

plc programming PLC Programming (TWIDO Schneider Electric) SCADA Systems

Proficy Machine Edition (GE Fanuc) Commissioning of Micro Hydro Power Plants

---

52-3220927

Jan 2015 - present

10 years and 10 months

Automatist (part-time) - PLURIPLAST SRL

Dej | Engineering | Auto / Automotive

Modernization of industrial machines from this company.

Design, modernization with Siemens PLC, Power inverters, Sensors, PLC and related modules electrical. Equipments programming.

Aug 2007 - present

18 years and 3 months

System engineer - IRLU SA

Dej | Engineering | Services

network administrator (win2003 server ,VMware esx server) ,automation,design and develop of electronics boards analog and digital(microcontrollers) for digital and analog measurement sensors ,debuging and design power blocks for inverters,power supply ,working with laboratory measure equipment,design some measure stands for some devices

, equipment configuration,database servers ,ccs,php knowledge,PLC programing AutoCAD Proteus PLC automation siemens step7 tia portal altium designer scada systems it hardware and software plc programing microcontroler programing Electronical boards design (schematics simulation and PCB)

---

53-#ID 2228946

Nov 2010 - Iun 2015

4 ani si 8 luni

SEF BIROU TEHNIC ANTREPRIZA - SC ELECTROALFA INTERNATIONAL SRL

Craiova | Automatizari | Energetica

Asigurarea suportului tehnic necesar lucrarilor de antrepriza incepand cu ofertare pana la pif

coordonarea echipei de integratori SCADA

---

54-7330621

Tehnician - OCADO GROUP CFC2

STRAINATATE | Automatizari | Comert / Retail

Dordon ,Birmingham, Regatul Unit

TEHNICIAN ÎN AUTOMATIZĂRI - OCADO GROUP CFC2

Monitorizarea procesului de producție folosind sistemul SCADA,si intervenția rapida în cazul blocajelor/ defecțiunilor ,la diferite echipamente automatizate (benzi transportoare, lifturi/mașini automate,roboti)

,panouri PLC etc), intervențiile fiind făcute manual sau prin HMI

Scada

---

55–3780351

System Engineer - Yokogawa Europe B.V.

Bucharest | Automation | Oil / Gas

Currently working as a system engineer in the Safety department, focusing mainly on developing, testing, commissioning and start-up for Yokogawa safety PLC projects as per clients specifications. The main field of activity is Oil & Gas industry.

Depending on the project, I also help with the development, testing and commissioning of the hardware and HMI / SCADA parts.

---

56–2768574

Specialis PRAM - Distributie Energie Electrica Romania Transilvania Nord

Oradea | Inginerie | Energetica

Inginer in instalatii de protectii prin relee, protectii digitale, revizii la Transformatori de 110 KV / 20 KV; 110 KV / 6 KV; 20 KV / 6 KV; 20KV / 0,4KV; revizii la celule 110KV, 20KV, 6KV( intrerupatori, reductori de curent, reductori de tensiune); masuratori PRAM; incercari cu tensiune marita; Modificari reglaje; Scoatere evenimente din relee digitale; probe SCADA

lucru echipa comunicare relationare

---

57–4632793

national natural gas transmission operator - TRANSGAZ S.A.

Bucuresti | Automatizari | Petrol / Gaze

Domain Project Management Unit BRUA (Bulgaria - Romania - Ungaria - Austria pipeline)

\* Occupation Chief of Service supervising for automation and securing pipeline

\* Activities and responsibilities Project Management for SCADA, IT&C and physical / cyber security

Scada it&c

---

58-3061501

Mar 2019 - Nov 2020

1 an si 9 luni

Senior Control Systems Engineer - Douglas Control and Automation

STRAINATATE | Automatizari | Farma

- Dezvoltare software SCADA si PLC in TiaPortal si InTouch pentru o statie de tratare a apei.
- Programarea si setare mediului de generare rapoarte bazat pe date stocate in SQL folosind Dream Reports.
- Crearea unei platforme virtual de test pentru dezvoltarea sistemului SCADA, compus din mai multe machini virtuale: SCADA - InTouch runtime si Dream Reports, Historian si SQL server, ThinClient, si mai multe emulatoare PLCs.
- Coordonare dezinstalarii sistemelor de control pentru o companie farmaceutica cu focus pe pastrarea integritatii datelor de productie si restaurarii datelor arhivate fara pierderea informatiilor.

Ian 2017 - Mar 2019

2 ani si 3 luni

Automation engineer - Tetra Pak

Bucuresti | Automatizari | Alimentara

- Dezvoltare software pentru PLC si SCADA ca parte a unei echipe extinse de programare pentru upgrade-ul sistemului existent de control si extinderea capacitatii de productie pentru o fabrica de procesare a laptelui, folosind TiaPortal, Simatic S7, WinCC flexible si InTouch.
- Elaborare listelor I/O, selectia echipamentelor hardware si selectia licentelor.
- Dezvoltare software PLC si HMI pentru un sistem de stocare si distributie a apelor minerale ca parte a unui proiect de extindere a capacitatilor de productie pentru o fabrica de imbuteliere.
- Dezvoltare PLC ,HMI si SCADA pentru o noua statie de imbuteliere gem.
- Am contribuit la proiectarea arhitecturii de safety pentru o linie de productie branza prin determinarea punctelor slabe, si integrarea echipamentelor safety la nivel de linie, desenul electric si cod PLC.

Iul 2015 - Dec 2016

1 an si 6 luni

Software Engineer - Briggs of Burton PLC

STRAINATATE | Automatizari | Alimentara

Dezvoltare PLC, HMI s SCADA pentru berarii, distilerii si indutria FMCG. Several projects using Simatic S7, TiaPortal, InTouch, FTVView, GXDeveloper.

---

59–3171079

intern - S.C. Fabrica de Pulberi S.A.,  
Fagaras | Automatizari | Chimica

- SCADA operation and maintenance(ABB,IntellutionFix,KepwareServer) for controlling the process of manufacturing military explosives
  - data acquisition with PLCs
  - modifications and debugging the process control software in Visual Studio
- Visual Studio plc software scada systems

---

60–4573684

Jul 2013 - present

12 years and 4 months

Electrical & Automations Design Engineer - Freelancer

Brasov | Engineering | Construction

Design for electrical installations and automation. Project control from scope and design, through financials (budgets/ billing/ invoicing), execution, testing, commissioning, and implementation to handover to client.

Key Accomplishments:

- Successfully designed and project followed up of five 200kW photovoltaic plants.
  - Managed all project planning, bidding, budget tracking, contract document preparation, execution monitoring, and bills and payments tracking, for two radiotherapy medical clinics (Bucharest and Oradea) with radioactivity-protected underground bunkers
  - Completely designed electrical, automations& SCADA installations for FIDIC Yellow European founded Projects for three municipal Wastewater treatment plants
  - Designed several civil and industrial buildings electrical installations
- AutoCAD msproject Dialux contract management execution instrumentation electrical engineering

Mar 2020 - Oct 2021

1 year and 8 months

ELECTRICAL & SCADA PROJECT ENGINEER - Veolia Australia & New Zealand

ABROAD | Automation | Environmental Protection

I provided engineering support in maintenance and operations by both locally and remotely troubleshooting of the automated systems. Provided project control in rehabilitation of various water/wastewater treatment assets and pumping stations.

Key Accomplishments:

- Successfully delivered technical audit report, proposing advanced technical solutions to improve the operation reliability and cost performance of a Sludge Thermo Drying Facility located at Wellington Seaview WTP.
- Successfully delivered technical audit report, proposing advanced technical solutions to improve the operation reliability and cost performance of all the automated water and wastewater assets of Ruapehu District area.

---

61–3487938

Manager of automation departament - SC CET Govora SA

Ramnicu Valcea | Automation | Energy

16.07.2001 –present Head of AMC Section (Automation, Measuring and Control Devices)

-Management, operation and maintenance of the automation, regulation, actuation, protection and signaling systems of CET Govora, as well as measuring, indicating and recording devices.

-the participation in the implementation team of the rehabilitation with European funds incineration plant with Nox reduced C7 boiler, desulphurization and modernization of supply pumps and urban heating installation

-members in the implementation and reception committees modernization works: TA3, TA4, C4, Turbine TKR and DKA turbine

- SCADA System CET Govora

---

62–2115973

Feb 2015 - Dec 2015

11 months

Electrical engineer - ArcelorMittal

Galati | Engineering | Services

My responsibilities in this company, as electrical engineer, were the following:

- remedy defects in automation equipment, that includes: work in Simatic STEP 7, work with Siemens S300/S400 PLC's;

- read and understand the electrical diagrams;
- maintenance at electrical motors, lightning, alarm horns and wiring;
- provide the necessary of materials for work;

siemens step 7 sap-pm SCADA Systems - Siemens WINCC

---

63-4221975

Mai 2019 - prezent

6 ani si 6 luni

Inginer automatist - Siemens SRL

Bucuresti | Automatizari | Petrol / Gaze

Inginer automatist

Ian 2010 - prezent

15 ani si 10 luni

Maintenance supervisor - PIONEER HI-BRED SEEDS AGRO SRL

Ilfov | Inginerie | Agrara

Inginer mecano-energetic - automatizari, instalatii electrice, instalatii hidraulice si pneumatice

Ian 2009 - Ian 2010

1 an si 1 luna

Inginer service- automatizari - Process Engineering

Bucuresti | Inginerie | Alimentara

Inginer service- automatizari, parte electrica, instalatii hidraulice si pneumatice - instalatii tratare apa, epurare

Ian 2007 - Ian 2009

2 ani si 1 luna

Inginer automatist - S.C. EXPUR S.A.

Urziceni | Inginerie | Alimentara

Dezvoltare proiecte de automatizare in cadrul societatii, intretinere linii automatizate, productie

---

64-1460876



1 an

Inginer SCADA - EFACEC Central Europe

Bucuresti | Inginerie | IT / Telecom

Dezvoltare software SCADA, protecții și automatizări industriale. Punere in functiune protectii si automatizari industriale in zona Europei Centrale.

-Teste de acceptanta in fabrica pentru protectii, automatizari si control SCADA pentru Statia de Sistem TRANSELECTRICA Vetis 220/110/20kV.

Sistemul de protectii, automatizari si control SCADA este format din :

-doua servere de date cu redundanta hardware ruland platforma SCADA UC500 EFACEC ;

-doua servere de control si monitorizare UC500 EFACEC, cu redundanta software;

-25 unitati Bay Controller, BCU500, complet redundante;

-17 bay controller si relee de protectie TPU S420;

-Relee de protectie Siprotec 4, Micom 4, TPU L420.

-Punerea in functiune a unui nou sistem de control si protectie in Statia de Sistem Tihau 220/110kV. Statia are o arhitectura poligonala pe nivelul de 220kV si sistem simplu de bare pe nivelul de 110kV. Statia este echipata cu un autotransformator 220/110kV.

Sistemul de protectii contine relee numerice de protectie de distanta, 7SA612, relee numerice de protectie diferentiala, 7UT635, releu de protectie diferentiala de bara, 7SS522/523 si relee pentru teleprotectie Micom P841. Sistemul de automatizare si control este o platforma UC500 EFACEC.

uc500 TPU220 TPU S/L/TD 420

Iul 2014 - Ian 2015

7 luni

Inginer SCADA - SC Enevo Group SRL

Bucuresti | Inginerie | IT / Telecom

Coordonare tehnica de proiecte in domeniul SCADA, studii energetice de reglare si coordonare protectii.

Am coordonat, dezvoltat si implementat Studiul de Coordonare al Protectiilor in platforma industriala de productie a otelului, Al Jubail Hadeed Steel, Regatul Arabiei Saudite. Studiul cuprinde 30 de statii electrice.

Proiectare automatizari AutoCAD Studii energetice ETAP

Mai 2013 - Iun 2014

1 an si 2 luni

Specialist SCADA - SAIP Automation (advanced partner Siemens)

Targu-Mures | Inginerie | Prestari servicii

Configurare RTU la nivel de statie de transformare ( AK1703ACP, BC1703ACP, TM1703emic ) si comunicatii pe protocol industrial ( IEC61850 , 60870-101 , 60870-104 , DNP3 , MODBUS ), configurare si parametrizare relee de protectie numerice pentru celule de 110KV si 20KV ( Siemens 7SJ642 , 7SA632 , 7UT , ABB REF542+ , REF615 , REF630 ).

Am incheiat cu succes un contract de inginerie SCADA pentru CEZ in Galicea 110/20kV si unul in Emiratele Arabe Unite pentru TRANSCO Ruwais 400/220kV.

Cele mai bune recomandari de la clienti, Siemens UAE, Siemens Romania, CEZ, pentru indeplinirea eficienta a sarcinilor.

SICAM 1703 Siemens SICAM 230

Oct 2010 - Mai 2013

2 ani si 8 luni

Specialist SCADA - SC Electro Alfa International

Craiova | Inginerie | IT / Telecom

Configurare si parametrizare relee de protectie numerice in celule de 110KV si 20KV ( Siemens 7SJ642 , 7SA632 , 7UT , ABB REF542+ , REF615 , REF630 ) pentru protectie de distanta, protectie diferentiala, protectie homopolara sensibila etc. Configurare RTU la nivel de statie de transformare ( AK1703ACP ) si comunicatii pe protocol industrial ( IEC61850 , 60870-101 , 60870-104 , DNP3 , MODBUS ), SCADA in general.

Am realizat integrarea SCADA a statiilor de transformare 110/20KV Lupoara , Corabia , Viseu , Iosia Oradea , FAI Iasi, Brezoi , Topoloveni , Patroara , Basarabi , Barsesti , Valea Mare , intotdeauna in termenul stabilit si cu cele mai bune aprecieri din partea clientului.

Siprotec4 Siemens ABB REF/RET600 series SICAM1703 Siemens

65-2820271

dispecer energetic - Romag prod

Drobeta-Turnu-Severin | Inginerie | Energetica

coordonarea intregii activitati pe parte electrica in interiorul combinatului, inclusiv executarea de manevre in instalatiile de medie si joasa tensiune, asigurarea legaturilor

de coordonare operativa cu distribuitorul de energie electrica (dispeceratele regionale si national ale sistemului energetic).

\* am lucrat cu programe Windows, Office si soft de telegestiune si gen SCADA

\*am invatat sa lucrez cu oamenii din mai multe nivele de coordonare si activitate, chiar si simultan, am invatat sa ma concentrez pe ce este necesar pentru a efectua manevre cu instalatii periculoase in conditii de siguranta.

\*am dobandit abilitati de planificare si coordonare, buna utilizare a resurselor disponibile (umane si materiale), organizare si experienta intr-un post important de conducere.

Abilitati de planificare si organizare Experienta pe un post de conducere buna utilizare a resurselor disponibile (umane

66-287201

Iun 2008 - prezent

17 ani si 5 luni

Teamleader/ Manager de proiect - EXIMPROD GRUP

Iasi | Automatizari | Energetica

Managementul proiectelor

Coordonarea si dezvoltarea unei echipe de 6 ingineri

Dezvoltarea, integrarea si testarea aplicatiilor software pentru industria energetica.

Integrarea si configurarea sistemelor SCADA, releelor de protectie si IED-urilor din PA-uri, PT-uri si statiile electrice.

Asistenta in proiectarea si dezvoltarea proiectelor.

Punere in functie, testare si integrare a sistemelor SCADA din statii de transformare (peste 75 statii de transformare).

Realizare sisteme locale de automatizare locala, teleprotectii.

Project management management proiect Team Management Managementul echipei

Iun 2007 - Iun 2008

1 an si 1 luna

SOFTWARE DEVELOPER - SIEMENS ROMANIA

Iasi | IT Software | Masini / Auto

DEZVOLTARE, TESTARE, INTEGRARE, DOCUMENTARE SOLUTII SW.

DEZVOLTAREA SE REALIZEAZA FOLOSIND LIMBAJUL DE PROGRAMARE C/C++.

DEZVOLTARE DE APLICATII SW PENTRU AUTOMATIZARI IN INDUSTRIA

CONSTRUCTOARE DE MASINI. ACESTE APLICATII SUNT REALIZATE PENTRU

PLC SIEMENS S7, LIMBAJELE DE PROGRAMARE FOLSITE FIIND SPECIFICE AUTOMATELOR PROGRAMABILE (LADDER, IL etc).

Dec 2004 - Iun 2007

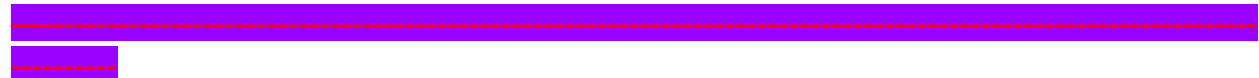
2 ani si 7 luni

INGINER SCADA/PRAM-IP - SC E.ON MOLDOVA SA

Iasi | Inginerie | -

- IMPLEMENTAREA SI INTRETINEREA SISTEMELOR SCADA DIN PUNCTELE DE ALIMENTARE. POSTURI DE TRANSFORMARE, RECLOSERE, STATII ELECTRICE;
- CONDUCEREA SI UTILIZAREA SOFT-URILOR AFERENTE SCADA;
- PARAMETRIZAREA SI CONFIGURAREA ACESTOR SOFT-URI CONFORM CERERILOR DATE DE CATRE DISPECERI;
- PROGRAMARE SI PARAMETRIZARE RELEE DIGITALE, AUTOMATE PROGRAMABILE;
- ASISTENTA TEHNICA ACORDATE ECHIPELOR RESPONSABILE CU MASURATORILE SI INTRETINEREA ECHIPAMENTELOR DE PROTECTII SI AUTOMATIZARI DIN STATIILE ELECTRICE.

Salariul net: 800 RON



67-4453809

Software Engineer - S\_IND Process Control

Bucharest | Automation | IT / Telecom

- Project Management
- Develop SCADA (Supervisory Control And Data Acquisition), HMI (Human Machine Interface), software applications, consisting of graphical screens for real-time data, historical trend screens, alarm banners and alarm summary windows (system alarms, pending alarms, acknowledged alarms), pop-up windows for set point entry and manual control of equipment (faceplates), data collection/logging, automatic report generation, recipes;
- Design and develop controls programs (PLC, PC based) based on standard programming methods;
- Develop Electrical Drawings (Eplan) for the control system;
- Develop Operating Manual for the automatic control system;

- Implementation of PI Systems (Process Information) including graphical screens, complex calculation, reporting and analysis of data;
  - Realization of technical and commercial offers for different clients;
  - System implementation, configuration, integration, performance testing, and tuning.
- advanced knowledge of pascal Latex MS Office Suite (Excel Average knowledge of C# si Java Data acquisition software and shares (LabView VB/VBA programming skills PLC programming languages (FB PLC Software (CodeSys SCADA software (RSView/FactoryTalk View PI Systems (FactoryTalk Historian including ProcessBook Databases (MS SQL)

68–3289659

Jan 2016 - May 2018

2 years and 5 months

Automation Engineer - Michelin Romania

Zalau | Automotive / Equipment | Auto / Automotive

- Technical support for maintenance
- Development of new functions or applications for existent industrial machines
- Identification of new solutions for industrial machines
- Responsible of relationships with providers of electrical equipment
- Industrial machines startups - PIF
- Responsible over multiple projects

step 7 microwin Siemens Simatic Step 7 Team work rs logix 500 siemens tia portal rs logix 5 Pilz Safety Scada - Simatic WinCC Flexible PLC Programming (Siemens - AllenBradley - Keyence) Importance of Quality Importance of Machines Security Frequency Converters Leory Somer Frenquency Coverts Siemens Sinamics

69–CASTR-spanu andrei-linkedin

ExperiențăExperiență

Siglă FORCELIFT

Programmer

Programmer

FORCELIFT Cu normă întreagăFORCELIFT Cu normă întreagă

oct. 2024 - Prezent · 1 an 1 lunăoct. 2024 - Prezent · 1 an 1 lună

Bucharest, RomaniaBucharest, Romania

Python (Programming Language), Robot Operating System (ROS) și +1 aptitudine

Siglă Expleo Group

Model based developer

Model based developer

Expleo Group Cu normă întreagăExpleo Group Cu normă întreagă

aug. 2023 - oct. 2024 · 1 an 3 luni

Bucharest, Romania · Regim hibrid

MATLAB, Problem Solving și +6 aptitudini

Siglă Honeywell

System Engineering Intern

System Engineering Intern

Honeywell StagiaturăHoneywell Stagiatură

iul. 2022 - sept. 2022 · 3 luni

Bucharest, Romania

Problem Solving, Programmable Logic Controller (PLC) și +6 aptitudini



70-3369894

Ian 2010 - Dec 2015

6 ani

pregatire lucrari electrice de reparatii si mentenanta - Lafarge Ciment

Medgidia | Specialisti / Tehnicienii | Constructii

- am planificat ,pregatit si supervizat lucrari electrice de reparatii generale si mentenanta curenta pentru utilajele din industria fabricarii cimentului

- am asigurat piese de schimb pentru instalatiile electrice si de automatizare

- am contractat lucrari cu terti pentru lucrari de revizii si reparatii

- am pregatit bugetul necesar pentru mentenanta electrica pentru anul urmator

utilizare program mentenanta MAXIMO utilizare program J.D.Edwards

Ian 2000 - Dec 2009

10 ani

programator PLC si SCADA - Lafarge Ciment

Medgidia | IT Software | Constructii

-am facut programare PLC si SCADA in sisteme de automatizare Allen Bradley ,ABB, automatizari pentru procese tehnologice din industria cimentului

Programare PLC programe informatice interne programare PLC ABB AC410-450

programare PLC5 /SLC5 Programare PLC AC800xA dozatoare gravimetrice Hasler

Pfister variatoare de viteza ABB ACS600 ACS800

Ian 1990 - Dec 2000

11 ani

automatist-electronist - Romcim

Medgidia | Specialisti / Tehnicienii | Constructii

-repararea echipamentelor electronice industriale

-reparare /modernizare instalatii de automatizare

-proiectare instalatii electrice de automatizare

proiectare instalatii electrice scheme electrice de comanda si forta utilizare si

programare dispozitive pentru instrumentatie parametrizare variatoare de curent

alternativ citirea de scheme electrice de automatizare utilizate in industri

Training H651 ABB ABB University Baden ,Elvetia

perioada Iul 2009 - Iul 2009

programare PLC si SCADA sisteme IT 800xA

Allen Bradley PLC5-SLC500-Control View

perioada Iul 2002 - Iul 2002

-programare PLC/SLC

-SCADA RSView

Training A221 (ABB AC400-AS500)

perioada Mai 2000 - Mai 2000

- programare PLC si SCADA pentru AC410-AC450



71-4038884

Jan 2019 - Jun 2020

1 year and 6 months

Electrical engineer - COMVEX S.A.

Constanta | Engineering | Transport / Logistics / Import - Export

-Electric engines supervision and commissioning;

-SCADA system interaction. (PCS7 Siemens);

-Identification and analysis of electrical defects;

- Carrying out maintenance works according to the standards and requirements of the product: assemblies, mechanical, electrical, hydraulic and pneumatic repairs, diverse interventions related to port installations;
- Planning of preventive maintenance works – along with the maintenance activity recordkeeping;
- Monitoring the implementation of the specific maintenance instructions, procedures and current requirements;
- Evidence of spare parts, updating of stocks and sending out purchase requests.

Jul 2017 - Aug 2018

1 year and 2 months

Electrician Assistant - e-solutions

| Automation | Naval / Aeronautical

- Assist Chief Electrician in installing and repairing wiring, fixtures, and equipment aboard ship and shipyard facilities.
- Responsible for the maintenance and repair of electrical systems onboard as directed by the Chief Electrical Engineer.
- Responsible to know the location of all the major distribution panes, in order to be able to shut down power in the event of any failures, fire or maintenance work.
- Follow written and verbal instructions from Chief Electrician.
- Reading and interpreting of electrical plans.
- Install, run, and/or remove electric wiring and wire labeling.
- Assist in the removal, replacement/installation of Multi Cable Transits
- Safety routines and ensure that the necessary safeguards are in place before any maintenance/repair work commences



Jul 2004 - Jul 2014

10 years and 1 month

Foreman - Ministry of Defense

Constanta | Naval / Aeronautical | Administrative / Public Sector

-Managing a team composed of 8 people (Head of the human lives rescue at sea and firefighting team)

-Preparation of detailed technical reports.

-Preventive maintenance tasks as well as corrective maintenance tasks.

-Maintenance and service of generators, revision, diagnosis of electrical and mechanical parts, electric motors (marine oil filtration equipment, compressors, water pumps, fans, etc.) Mechanical and hydraulic service.

-SCADA system interaction.

-Working at height and confined spaces.

-Training of employees on Safety and Environmental Protection Policy, operating mode and duties corresponding to their respective position.

-Permanent individual and collective training by participating in foreign language courses (English, Spanish), Leadership and also Group Management courses.



72-

2296405

**Oct 2012 -  
prezent**

13 ani si 1 luna

**Inginer SCADA / Manager Proiect - Eximprod Grup**

Bucuresti | Inginerie | Energetica

- Coordonare proiect de proiectare si executie statii de transformare (110 kV, 20 kV) si

retele electrice de medie si inalta tensiune pentru integrarea in sistemul energetic

national a parcurilor fotovoltaice din comuna Ciorani – Racordare la RED 7 parcuri

fotovoltaice 65 MW localitatea Ciorani;

- Coordonare acizitii si livrari echipamente si sisteme pentru statia de transformare 110/20

kV Baleni si retele electrice in cablu de medie tensiune – Racordare la RED parc eolian

50 MW Baleni (GDF Suez);

- Coordonator proiecte de implementare si integrare sisteme SCADA in statii electrice de

transformare;

- Urmarirea livrabilelor si a lucrarilor in derulare / finalizate, realizarea documentatiei de

facturare si elaborarea situatiilor de lucrari;

- Proiectarea de sisteme automate tip SCADA (Supervisory Control And Data Acquisition)

in statii de transformare si distributie secundara;

- Asistenta tehnica la intocmirea ofertelor tehnice si comerciale;

- Integrarea si configurarea sistemelor SCADA, releelor de protectie si IED-urilor in PA/PT

si statii electrice.

**AutoCAD eplan electric p8 digsi 4 winprot Digsi 5 Automation Studio**

**Designer ANRE IVA ANRE IVB**

---

73–210728

**ing. Proiectant automatizari Departamentul Proiectare - SC Celin SRL**

Bucuresti | Proiectare civila / industriala | Constructii

- intocmirea ofertelor tehnico-economice conform specificatiilor tehnice primite de la clienti;
- intocmirea documentatiei initiale a proiectului tehnic;
- proiectarea arhitecturii sistemului de automatizare (SCADA);
- conceperea specificatiilor tehnice pentru achizitionarea echipamentelor si materialelor electrice necesare sistemului de automatizare;
- proiectarea asistata a sistemelor de automatizare aferente proiectului cu ajutorul programelor specializate Autocad, WsCad, conform specificatiilor si cerintelor clientului;
- coordonarea activitatii de executie si punere in functiune la beneficiar a sistemului de automatizare, conform cerintelor proiectului tehnic;
- intocmirea documentatiei tehnice finale si predarea proiectului tehnic la beneficiar;
- proiecte: Proiect tehnic sistem SCADA instalatie detritiere, proiectare tablouri automatizare OMV, proiect tehnic automatizare si sistem SCADA centrala CET, proiect automatizare si software instalatie dezafectare centrala nucleara.

---

74–4517317

Extensive plant level maintenance experience with significant people management experience. •

Strong technical abilities in either mechanical or electrical maintenance areas.

Technical capability and understanding of manufacturing and engineering processes.

Experience and ability to manage Profit and Loss (P&L) & Capex responsibilities for maintenance.

Proven track record in implementation/transformation of maintenance processes and management of

maintenance transformation projects.

Knowledge of the latest trends in maintenance systems and processes.

Ability to lead the team through and drive improvement and transformation processes.

Self-aware individual, resilient, optimistic, open to change.

A self-starter, motivated and able to positively motivate others.

Focused and target driven with a positive, can-do attitude.

Ability to anticipate and overcome obstacles.

Confident, creative, and insightful approach towards finding solutions, planning and executing.

#### KEY ENGINEERING QUALIFICATIONS:

Engineering Manager (Project engineer) with track record of leading engineering team to successful

project completions

Electrical & Automation Engineer with 12 years of experience

Process Control System (PCS) Engineer, with 12 years of experience in Automation and Industrial

Computing Management, Cement Industry. SCADA Siemens, FLS ECS. Hands on experience in Siemens

PCS 7. Software development and hardware engineering.

Software proficiency with Siemens special SW (PCS7, TIA Portal), Microsoft Office, Adobe products,

Eplan.

Vastly knowledgeable of wide variety of electronic control and communications, Industrial Computing,

SCADA systems, power supply system, process control system Siemens PCS, CEMAT S7, FLS - PLC, HMI

Excellent analytical and problem-solving skills, highly developed understanding of strategic

directions and ability to interpret and communicate senior management directives

Outstanding leadership skills: ability to provide directions, develop and implement processes,

and motivate others to achieve higher levels of performance

Effective interpersonal and communications skills, ability to work well with others and contribute

to a positive work environment, ability to mentor and coach others

Effective knowledge of following disciplines: electrical engineering, reliability engineering, electric

drive and industrial plant automation of technological systems, project management



75-150521

Aug 2012 - present

13 years and 3 months

SCADA System Engineer - EMERSON

Cluj-Napoca | Engineering | -

- Development of Functional Design Specifications;
- Development of System Design Specifications;
- Development of Test Specifications;
- Implement assigned software coding in accordance with the design requirements as detailed within the Functional Design Specifications and or System Design Specifications;
- Assist in the hardware assembly and unit testing of a control system network;
- Undertake system testing and report any defects in accordance with CQMS;
- Provide defect resolution;
- Provide project support and training on and off site;
- Provide sales support on and off site;
- Provide general IT support;

Oct 2007 - Jul 2012

4 years and 10 months

Engineer in Automation Systems - FAST EST

Piatra Neamt | Engineering | -

Programming and implementing of software for automation systems.

- configuration of ESD (IO mapping, SCADA-PlantView and PLC-EloplII developing, configuration of the communication, technical assistance) for HIMA platforms.
- configuration of DCS (IO mapping, SCADA-WinCC and PLC-Step7 developing) for SIEMENS platforms
- FAT(Factory Acceptance Test) and SAT (Site Acceptance Test): power-on, logic test, loop test, modbus test.
- Commissioning and Start-up
- producing DCS/ESD technical design specification (DCS/ESD Simplified Typical Loops, DCS/ESD technical design specification, Client documentation check, InTools input).

76-198305

Feb 2008 - prezent

17 ani si 9 luni

inginer automatist - Siemens Srl

Bucuresti | Inginerie | -

Automatizari in sectorul energetic. Parametrizare pentru achiziitii si transmisii de date, comanda control (SCADA), parametrizari relee de protectie Siprotec.

Softuri folosite: Sicam Pas, Sicam Pas CC, WinCC, Sicam 230, Sicam 1703, Digsig 4, Simatic S7-200 (cursuri de specialitate).

Protocoale utilizate: IEC 61850, IEC 60870-5-101, IEC 60870-5-103, IEC 60870-5-104, Modbus, Profibus.

Tipuri de conexiuni folosite: RS-232, RS-485.

Configurare HMI, conversii de protocol, control autoritate.

Configurare DCS, commissioning si mentenanta.

Parametrizare si punere in functiune a sistemului de anclansare automata a rezervei (AAR) pentru statii de medie tensiune.

Studierea documentatiei si crearea listelor de semnale conform cu caietul de sarcini.

Particip la puneri in functiune (commissioning), (FAT, SAT).

Proiecte incheiate in urmatoarele statii electrice (atat partea de inginerie cat si partea de punere in functiune):

-110/20KV Sf. Gheorghe;

-20/6KV Tr. Severin;

-110/6kV Constanta;

-400/220/110/20kV Urechesi;

-110/20kV Dumbravita;

-110/20kV Almaj;

-110/20kV Banovita;

-220/33kV Elixir2 Al Mirfa UAE (United Arab Emirates).

Parametrizarea rețelei locale din statia electrica, configurarea switchurilor de retea.

Cunostinte solide in domeniul transportului de energie electrica.

Cunoasterea limbajului industrial IEC 61131 (FBD,SFC,LD,ST,IL).

Interpretarea schemelor electrice monofilare.

In unele proiecte preluam si atributiile managerului de proiect. Mentinem legatura atat cu beneficiarul, furnizorii cat si eventualii subcontractori pentru o cat mai buna desfasurare a proiectului si incadrare in termenul limita din contract.

Aug 2006 - Feb 2008

1 an si 7 luni

inginer automatist - Mediplus Exim SRL

Bucuresti | Inginerie | -

Intretinerea unei benzi automatizate care face livrarea medicamentelor. Coordonarea echipei de electricieni si mecanici din cadrul departamentului tehnic, in vederea bunei functionari a benzii automatizate din cadrul firmei. Interventia pentru depanare in caz de nevoie. Comanda pieselor de schimb, realizarea necesarului de piese. Mentinerea relatiilor cu personalul firmei care a montat banda.

Dec 2005 - Aug 2006

9 luni

inginer automatist - Honeywell Garrett

Bucuresti | Inginerie | -

Intretinerea liniilor industriale.

Liniile sunt formate din bancuri de montaj structurate succesiv, fiecare banc fiind coordonat de catre un PLC(automat programabil).

Exista legatura intre bancurile de productie. Fiecare piesa este verificata dupa codul de bare cand intra respectiv cand iese de la fiecare robot astfel incat cu ajutorul comunicatiei dintre PLCuri, toate informatiile sunt aduse la un PC care are instalat un software (Labview) pentru gestionarea tuturor informatiilor, existind astfel o trasabilitate totala a produselor.

In structura liniilor sunt PLC-uri Siemens

S5,S7,AllenBradley,Telemecanique,Sharp,Omron sisteme de control al deplasarilor pe axe lineare si rotative, roboti cu 3 axe, etc.

Exista pe unele linii sisteme de control cu verificare video (prelucrarea imaginilor pe PC)

Liniile sunt implementate cu tehnica ultimilor ani.

77–



### Electrical Design Engineer

S.C. SYSCOM WATER TECHNOLOGY S.R.L. & S.C. SYSCOM PROCESS CONTROL S.R.L. Cu normă întreagă  
oct. 2013 - dec. 2016 - 3 ani 3 luni  
București, București, România

#### Responsibilities:

- Designed electrical schematics for power distribution, automation and control;
- Established communication solutions and integration into SCADA;
- Created calculation summaries (earth connection, lightning arrest, reactive power compensation, power distribution cables, etc.);
- Project development in phases DTAC, PT + CS, DDE, AS BUILT.

Project coordination, collaboration with different teams (civil construction, hydromechanical, low voltage).

Choosing the right equipment and establishing optimal solutions for applications in the water management solutions (pumping stations, treatment plants, wastewater treatment plants, etc.).

Provided technical assistance for tendering and procurement departments.



78–



### Automation Engineer

ICS International Cooling Systems Cu normă întreagă

iul. 2021 - iul. 2022 · 1 an 1 lună

București, România · La fața locului

Programming PLC's, PC Panels, frequency drives, different types of sensors  
Integration of closed or open circuit cooling towers in different application as well as water or air cooled chillers



### System Engineer

S-IND Process Control Cu normă întreagă

ian. 2019 - iul. 2021 · 2 ani 7 luni

Calea Grivitei 355-357 · La fața locului

Programming different types of PLC from Siemens and Rockwell  
Integration of automation solutions including SCADA, HMI Visualization and PLC programming  
Design of continuous command and control systems as well as those with discrete events



### Computer Operator

Solid System Solutions Cu fracțiune de normă

iul. 2017 - sept. 2018 · 1 an 3 luni

La fața locului

Help desk service and network maintenance, providing fast and useful technical assistance on computer systems including remote troubleshooting

79–

## Experiență



### Project Engineer 2

Honeywell Cu normă întreagă

mar. 2024 - Present · 1 an 8 luni

București, România · Regim hibrid

m-a ajutat să obțin acest loc de muncă

♥ Experien PKS, Control Builder și +2 aptitudini



### Inginer automatist


Robertt Cu normă întreagă

mai 2023 - mar. 2024 · 11 luni

București, România · La fața locului

♥ Programmable Logic Controller (PLC), HMI Design și +25 aptitudini

Experion PKS	▼
Control Builder	▼
HMI Configuration	▼
Life Science Industry	▼

Programmable Logic Controller (PLC) 

---

HMI Design 

---

Wiring Diagrams 

---

PLC Sim 

---

PLC Ladder Logic 

---

Optical Sensors 

---

*German* 

---

HMI Programming 

---

S7 

---

Sick 

---

SIMATIC S7-1200 

---

Human Machine Interface 

---

PLC Siemens 

---

Qelectrotech 

HMI Configuration 

---

SIMATIC S7 

---

Siemens Tia Portal 

---

Rockwell Studio 5000 

---

Microsoft Office 

---

SCL 

---



## Advanced Automation Solutions

6 ani 10 luni

București, România · La fața locului

- **Inginer de sistem software**

Cu normă întreagă

sept. 2018 · mai 2023 · 4 ani 9 luni

♥ Wiring Diagrams, PLC Ladder Logic și +20 aptitudini

- **Tehnician proiectant**

Cu fracțiune de normă

aug. 2016 · aug. 2018 · 2 ani 1 lună

♥ Ethernet

---

Wiring Diagrams



---

PLC Ladder Logic



---

Optical Sensors



---

HMI Programming



---

WinCC



---

Cable wiring



---

PLC s7



---

HVAC



---

Building Management Systems



---

Profinet



---

PLC Siemens



---

PLC Programming



SCADA



HMI Configuration



Siemens Tia Portal



Microsoft Office



Temperature Sensors



SCL



modbus rtu

80–



### Automation Engineer

OMV Petrom

iul. 2014 – Prezent · 11 ani 4 luni

București, București, România

Automation engineer - Specification and Standardization dept.

- Implementation of automation projects for maintenance dept.

- Establishing company standards and guidelines for automation equipment (VSD, PLCs, Scada, well optimization controllers, data transmission etc...)

- Technical expert for acquisition processes

- Support for contract management teams; verification of contractor technical performance and technical deliverables

## Experiență



### Apa Nova București - Veolia

8 ani

- SCADA Development Manager**  
 Cu normă întreagă  
 mai 2024 - Prezent · 1 an 6 luni  
 București, România · La fața locului
- Automation Engineer**  
 nov. 2017 - apr. 2024 · 6 ani 6 luni  
 București, București, România



### System Engineer

Honeywell Cu normă întreagă  
 apr. 2025 - iun. 2025 · 3 luni  
 București, România · La fața locului

Worked with the Honeywell Experion PKS DCS platform to design and develop process automation applications using internal library.  
 Gained practical experience in system engineering workflows, including I/O allocation, bulk build, and configuration using Control Builder.  
 Developed and implemented control logic for industrial processes, adhering to established engineering procedures and best practices.



### Automation Engineer

Self Employed Angajat temporar

2024 - 2025 - 1 an

București, România · La fața locului

- Automated the energy management system of Huawei SUN2000 solar inverters, integrating advanced controls and logic programming.
- Programmed Siemens S7-1200 PLC to act as a Modbus Master, ensuring seamless communication with the inverter configured as the Modbus Slave.
- Developed and implemented logic using Ladder Diagram (LD) and advanced functions using Structured Control Language (SCL).
- Designed and built a backend system to access real-time PLC data via Modbus TCP, enabling efficient data transfer from site to end-users.



### Automation Engineer Intern

aramco gulf operations Stagiatură

aug. 2024 - oct. 2024 - 3 luni

Khafji, Ash Sharqiyah, Arabia Saudită · La fața locului

- Collaborated within an international team to implement an automated steam generator system at KJO's Water Plant, using Programmable Logic Controllers (PLC) programmed with structured text and function block diagrams.
- Diagnosed and resolved issues in Distributed Control Systems (DCS) and Emergency Shutdown Systems (ESD) across both offshore and onshore sites.
- Acquired extensive hands-on experience with software platforms (Honeywell Xperion PKS, Ascon OpenPCS, Triconex) and hardware components (PLCs, DCS, valves, gauges, tanks).

83—



### EMS-SCADA engineer

S.S.T.T.I.R.E.T. „TELETRANS” S.A.

mai 2013 - Prezent · 12 ani 6 luni

București, București, România

I am dealing with the following for Transelectrica's EMS/SCADA system:

- Ensuring the good operation of the state estimator, power flow, contingency analysis, and real-time generation (AGC) programs;
- Editing the database (modifying existing elements, modeling new substations and generating units) and loading it to the EMS/SCADA system;
- Ensuring the good operation of the data transfer between the EMS and Transelectrica's website and other applications;
- Conducting point-to-point communication tests for wind/solar power plants implemented in the EMS/SCADA system.



84–



### Power System Engineer (Dispatcher)

System Control & Dispatching Company Cu normă întreagă

apr. 2021 - oct. 2023 - 2 ani 7 luni

București, România

#### Responsibilities:

- Prepared daily, monthly, and annual reports based on **SCADA** data from Wind, Solar, and Cogeneration Power Plants
- Monitored and reported on power production, availability, and notified active power levels
- Coordinated the dispatching of power plants in compliance with energy market regulations, including Day-Ahead and Intraday markets
- Provided technical support to management for addressing defects, operational requests, maneuvers, and system adjustments related to power plants

♥ Renewable Energy, **SCADA** și +3 aptitudini

85–



### Scada Engineer

Thales Cu normă întreagă

oct. 2020 - Prezent - 5 ani 1 lună

România - Regim hibrid

m-a ajutat să obțin acest loc de muncă

Integration engineer using python, bash, docker.

Both English and French language is used for interaction with customer.

#### Achievements:

- Integration simulator (python) with HMI- simulate events for train circulation with rest api communication
- Integration simulator (python)- simulator to count the number of passengers flow with communication with rest api servers
- I/O collector HMI configurator (python ,bash) - configure rest api microservices
- Cable measurements using Navisworks for 3D metro station model 6 month experience.

Bash



Python



REST APIs



SCADA





## DFR Systems SRL

Cu normă întreagă · 12 ani 7 luni

### Lead Automation Engineer

dec. 2015 - oct. 2020 · 4 ani 11 luni

Zona metropolitană București

Automation design for waste water treatment plants.

Execution of electrical & automations systems ,service and technical support to customers , which implied frequent travel to customer sites.

SCADA systems for waste water plants, GPRS data communication.

My best projects serve:

Desinfection plant at Orthopedic hospital Foisor Bucharest, among many other waste water treatment plants.

Achievements:

I have built android app to monitor and remotely control waste water treatment plant.

I have build a SCADA development software for generation of runtime client application that connects to PLC webserver.

♥ SCADA, Proiectare inginerie și +2 aptitudini

### Automation Engineer

apr. 2008 - dec. 2015 · 7 ani 9 luni

București, România

♥ SCADA, Proiectare inginerie și +2 aptitudini

SCADA



Proiectare inginerie



PLC Programming



EasySoft





### Automation Engineer

Schneider Electric Romania

mai 2000 - Prezent - 25 ani 6 luni

Bucharest

- Involved in PLC's programs development for automatization of processes for capture water, drinking water treatment, wastewater treatment. Programming TSX Premium and M340 PLCs with Unity Pro (LD and SFC languages);
- Implementation the operator interface with graphical terminals Magelis HMI;
- Monitoring of power distribution systems, integration of PLCs, speed drivers, instrumentation in various SCADA systems: Vijeo CITECT, Monitor PRO, PCWin;
- Involved in all stages of the projects: identifying and elaborating the optimal technical solutions, designing of automation system architecture, programming PLCs, HMI terminals, speed drivers configuration, developing SCADA, commissioning and documented the projects;
- Leading the training activity for customers and internal technical engineers. This also includes defining the covered topics, documentation and developing support for courses(slides, stands);
- Held technical training courses in the following fields: PLC's configuration and programming based on standard IEC 61131 languages (LD, STL, CFC, FBD, SFC), HMI interface, SCADA software (CITECT) and industrial communication;
- Offered technical support for various departments: tender, service and after sales services, help-desk and customer support;

#### Professional accomplishments

- The automation system for water treatment at APA NOVA Bucuresti using TSX Premium PLCs and the supervisory system MONITOR PRO;
- Teletransmission application between pumping stations of APA NOVA Bucuresti using the supervisory system PCWin;
- Automation the water supply system at Chiciu-Calarasi by using the M340 PLCs, graphical terminals Magelis and the supervisory system Vijeo CITECT;
- Monitoring of power distribution at „Abatorul Aaylex – Buzau” by using Vijeo CITECT;



### Design Engineer – Automation and electric Department

Design Research Institute for Machine Tool Titan (SIMTEX S.A.)

nov. 1989 - mar. 1995 - 5 ani 5 luni

București, București, România

- Involved in the development of the projects for automatization of various machine tools and assembly lines by using both conventional wired logic and PLC programming with STL/ SCL languages;
- Involved in testing and commissioning of the designed machine tools and assembly lines;
- Made the documentation for design and usage

#### Professional accomplishments

- For Kraz Truck factory – ex USSR, designed and commissioning an assembly line for manufacturing auto truck gearbox by using PLCs
- For Dacia factory designed and commissioning machine tools for manufacturing the oil pump by using Telemecanique PLC;
- For „Întreprinderea de frigidere Gaesti” developed projects for machine tools in conventional wired logic for the manufacture of units and subunits: doors, cases, compressors, fridges;

87–



### PPC Romania

1 an 1 lună

București, România - La fața locului



### Scada Engineer

mai 2025 - Present · 6 luni

♥ SCADA



### SCADA and Network Systems

Stagiatură

oct. 2024 - apr. 2025 · 7 luni



### Student Intern

ENEVO Group Stagiatură

mar. 2024 - aug. 2024 · 6 luni

București, România - La fața locului

♥ HMI Configuration și WinCC



### Automation Engineer - SCADA Communication and Networking

Siemens Energy Cu normă întreagă

oct. 2024 - Present · 1 an 1 lună

București, România · La fața locului



### Automation Engineer

Neutronix Cu normă întreagă

feb. 2024 - sept. 2024 · 8 luni

București, România



### Software Engineer

Freelancer Lucrător independent

feb. 2022 - feb. 2024 · 2 ani 1 lună

București, România

[in](#) m-a ajutat să obțin acest loc de muncă



### Business Manager.

Mob&Deco FelizHomesAndFamilies Cu normă întreagă

dec. 2015 - dec. 2021 · 6 ani 1 lună

București, România

Project and business development manager.

Team lead for 3 departments of 5 employees each.

Online marketing campaigns administrator.

Website administrator.



### Software Engineer

Renault Group Cu normă întreagă

oct. 2022 - Present · 3 ani 1 lună

București, România



### Internship Sisteme SCADA

Grupul CEZ în România Stagiatură

iun. 2021 - sept. 2021 · 4 luni

Pitești, Argeș, România

90—



### Scada Engineer

WALDEVAR Energy Cu normă întreagă

sept. 2025 - Prezent · 2 luni

România



### Project Engineer

Honeywell Cu normă întreagă

feb. 2023 - sept. 2025 · 2 ani 8 luni

București, România · Regim hibrid

- HMI - Designed and implemented Human-Machine Interfaces (HMIs) using HTML and JavaScript frameworks, tailored to both piping and instrumentation (P&ID) and instrumentation and control (I&C), ... vizualizați mai multe

♥ Project Commissioning, Piping and Instrumentation Drawing (P&ID) și +6 aptitudini

Project Commissioning



Piping and Instrumentation Drawing (P&ID)



PLC Programming



Block Diagrams



Project Scheduling



Project Planning





## Expleo Group

Cu normă întreagă 10 luni  
România



### System Engineer

iul. 2022 - feb. 2023 - 8 luni

Responsible for performing test cases and root cause analysis on HIL benches on different car ECUs and functions.

♥ Vector CANalyzer, ControlDesk și +7 aptitudini



### Assistant Analyst

mai 2022 - iul. 2022 - 3 luni



## Secure Power Trainee

Schneider Electric Stagiatură

iul. 2021 - sept. 2021 - 3 luni  
București, România

Gained insight and took courses in data center infrastructure with topics related to cooling, power distribution and security solutions.

♥ HVAC Engineering, UPS Shipping și +7 aptitudini

Vector CANalyzer



ControlDesk



ETAS INCA



XML



CRETA



DiagAlyser



PLM





INCA 

XML Standards 

HVAC Engineering 

UPS Shipping 

Data Centers 

HVAC 

HVAC Design 




APC UPS 

Data Center Infrastructure 

HVAC Controls 

UPS Systems 



	<div><b>Scada Engineer</b> EVRYO Cu normă întreagă oct. 2024 - Prezent · 1 an 1 lună Pitești, Argeș, România · La fața locului</div> <div>♡ MKD, ADMS și +2 aptitudini</div>
	<div><b>Design Engineer</b> IMSAT S.A. Cu normă întreagă nov. 2022 - sept. 2024 · 1 an 11 luni București, România · La fața locului</div> <div>♡ EPLAN Electric P8, AutoCAD și +1 aptitudine</div>
	<div><b>Practice Nuclear Physics</b> Horia Hulubei National Institute of Physics and Nuclear Engineering - IFIN-HH Stagiatură iun. 2021 - aug. 2021 · 3 luni Măgurele, Ilfov, România · La fața locului</div>
MKD	⌵
ADMS	⌵
Spectrum power 7	⌵
Microsoft Office	⌵
<div></div> <div></div>	

92–

## Experiență



### HMI SCADA Engineer

SMS group Cu normă întreagă

nov. 2023 - Present · 2 ani

București, România

93–

## Experiență



### Scada Engineer

Eximprod Grup Cu normă întreagă

iul. 2022 - Present · 3 ani 4 luni

București, România

💎 Power Systems



### Administrative Officer

Expleo Group Cu fracțiune de normă

mar. 2021 - sept. 2021 · 7 luni

București, România

94–



### Scada Engineer

BARTEC

aug. 2024 - Present - 1 an 3 luni

București, România

- Configuration of communication networks for SCADA systems, using the following communication protocols: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus
- SCADA system configuration, UP and DOWN communication
- Familiarization with the following software used to configure Protection relays : Easergy Pro (Schneider); PCM (ABB); Digsig (Siemens) software to integrate transformer stations or transformer posts into SCADA
- SCADA commissioning and relay protection on-site acceptance test
- Participation in numerous on-site works, responsible for the configuration of HMIs related to transformer panels and electrical substations



### Scada Engineer

Eximprod Grup

aug. 2022 - aug. 2024 - 2 ani 1 lună

București, România

- SCADA system configuration, UP and DOWN communication, configuration on UC 500 (Efacec platform)
- Testing of reclosers and disconnectors on power lines.
- Testing and integration of relays on transformation posts.
- Integration and configuration for dispatching using the ScateX platform
- Configuration of communication networks for SCADA systems, using the following communication protocols: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus
- Participation in numerous on-site works, responsible for the configuration of HMIs related to transformer panels and electrical substations



### Engineer

CNAIR (CNADNR)

oct. 2019 - iul. 2022 - 2 ani 10 luni

Bucharest, Romania

- Processing in GIS, data storage and analysis for updating the road management system
- Preparation of technical reports issued based on the parameters collected in the field for the reception of the works
- Follow-up and monitoring procedures over time



### Scada Engineer

Eximprod Grup Cu normă întreagă

mai 2018 - oct. 2019 · 1 an 6 luni

Zona metropolitană București

- Scada configuration for dispatch (Scatex platform);
- Scada system communication networks, communication, protocols used: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus;
- Configuration of the RTU database, HMI database and synoptic;



### Design Engineer - Fire detection, access control, burglar alarm systems

IMSAT S.A.

nov. 2016 - mai 2018 · 1 an 7 luni

Zona metropolitană București

- Responsible for the design, execution, configuration of the system and the detection center
- Making the necessary connections for the implementation of security systems according to the projects
- Installation and commissioning of security systems (detection, access control, burglar alarm)
- Warranty and post-warranty service activities
- Management of customer complaints

95—



### Scada Engineer

Eximprod Grup Cu normă întreagă

aug. 2022 - Prezent · 3 ani 3 luni

București, România

♥ AutoCAD, Simulink și +6 aptitudini



### Computer Operator

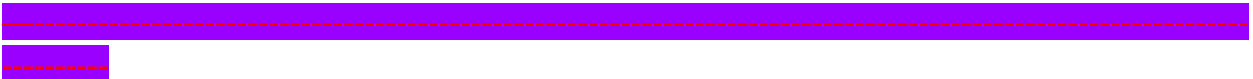
Multiprod Energo S.R.L. Cu fracțiune de normă

sept. 2021 - mar. 2022 · 7 luni

Buzău, Buzău, România

♥ Microsoft Office, Microsoft Excel și +5 aptitudini

Simulink	⌵
Microsoft Office	⌵
MATLAB	⌵
Microsoft Excel	⌵
SCADA	⌵
Data Analysis	⌵
ADMS	⌵





## Siemens Energy

Cu normă întreagă- 1 an 9 luni

La fața locului

### • SCADA Commissioning Engineer - Norfolk Vanguard West Project

feb. 2024 - Prezent - 1 an 9 luni

Manchester, Anglia, Regatul Unit al Marii Britanii și al Irlandei de Nord

- Led SCADA commissioning activities from the initial phase to full system integration within an HVDC project environment in Manchester, UK.
- Developed comprehensive commissioning and testing protocols.
- Setup and configuration of secure communication pathways between substations and central control systems.
- Conducted SCADA-specific tests of RTUs and HMIs in accordance with IEC 61850 standard.
- Troubleshooting in tandem with protection and automation teams to resolve complex communication and networking issues during FPT.
- Implemented firewall policies using SmartConsole (Check Point) to enhance cybersecurity of SCADA infrastructure.

♥ SCADA, Cybersecurity și +8 aptitudini

### • SCADA Commissioning Engineer - Viking Link HVDC Maintenance during Outage

mai 2025 - mai 2025 - 1 lună

Boston, Anglia, Regatul Unit al Marii Britanii și al Irlandei de Nord

- 2 weeks of experience on a working substation from National Grid
- Updated firmware for Checkpoint (S400, 6200, Smart-1 Series) and FortiGate Rugged 60F.
- Managed IT security configurations.
- Utilized PRTG Network Monitor for system diagnostics and performance monitoring.
- Restored backups for a faulty Building Management System PC.
- Conducted troubleshooting to resolve communication issues.
- Provided technical support in an internationally coordinated effort.
- Assisted the PENTEST Team in conducting security tests.

### • SCADA Commissioning Engineer - East Anglia 3 HVDC Project

sept. 2024 - ian. 2025 - 5 luni

Manchester, Anglia, Regatul Unit al Marii Britanii și al Irlandei de Nord

- Performing network setup and configuration.
- Conducting FAT and commissioning activities.
- Performed Ping Tests and Link Up Tests to ensure network connectivity.
- Conducted backups for communication devices to safeguard data integrity.
- Assisted colleagues with SCADA system troubleshooting and issue resolution.
- Assisting in the development and implementation of cybersecurity measures for SCADA systems.
- Further developed digital documentation skills







### Scada Engineer

Eximprod Cu normă întreagă

mai 2025 - Prezent - 6 luni

Zona metropolitană București - La fața locului

♥ Electrical Engineering, Electrical and Instrumentation Engineering (EIE) și +5 aptitudini



### Machine Learning Engineer

Infineon Technologies

oct. 2022 - apr. 2025 - 2 ani 7 luni

București, România - Regim hibrid

♥ Machine Learning, Git și +16 aptitudini



### Software Developer Internship

Infineon Technologies Angajat temporar

iun. 2022 - aug. 2022 - 3 luni

București, România

♥ Git, SQL și +8 aptitudini



### Quality Assurance Tester

WinTask Cu fracțiune de normă

sept. 2021 - nov. 2021 - 3 luni

București, România

Q.A. and small amounts of software development in .net framework.

---

Electrical Engineering



---

Electrical and Instrumentation Engineering (EIE)



---

Embedded Systems



---

Git



---

Information Technology



---

SCADA



---

System Control



## Experiență



### SCADA Engineer

GE Vernova Cu normă întreagă

iul. 2023 - iun. 2025 · 2 ani

București, România · Regim hibrid

🔧 AutoCAD, Data Entry și +6 aptitudini



### Service Desk Engineer

Wipro Cu normă întreagă

dec. 2021 - ian. 2022 · 2 luni

București, România



### Customer Service Specialist

Webhelp Cu normă întreagă

mai 2021 - dec. 2021 · 8 luni

București, România



### Quality Assurance Tester

Electronic Arts (EA) Cu normă întreagă


mai 2021 - iul. 2021 · 3 luni

București, România

AutoCAD	⌵
Data Entry	⌵
Energy Transmission	⌵
SCADA	⌵
Data Analysis	⌵
Control Systems Design	⌵
Databases	⌵

99–

### Experiență

 **SCADA Engineer**  
DACOM IMPEX Cu normă întreagă  
aug. 2024 - Prezent · 1 an 3 luni  
București, România · La fața locului

 **System Validation Engineer**  
Bertrandt Group Cu normă întreagă  
dec. 2023 - aug. 2024 · 9 luni  
București, România



### Power System Engineer

Eximprod Cu normă întreagă

nov. 2023 - Prezent · 2 ani

București, România · Regim hibrid



### QA Manual Engineer - Certification Specialist

Amber Cu normă întreagă

nov. 2022 - nov. 2023 · 1 an 1 lună

București, România

💎 Compliance Testing, Project Management și +6 aptitudini



### Ubisoft

4 ani 1 lună

București, România

- **QA Manual Engineer - Junior Microsoft Compliance Specialist**  
Cu normă întreagă  
aug. 2020 - nov. 2022 · 2 ani 4 luni
- **QA Manual Engineer - Junior Microsoft FTC Specialist**  
Angajat temporar  
mar. 2020 - aug. 2020 · 6 luni
- **QA Manual - Game Tester**  
Angajat temporar  
nov. 2018 - mar. 2020 · 1 an 5 luni

1)

Denumire job: Inginer sisteme automate de control al proceselor

Descriere job: Dezvoltarea sistemelor automate de control al proceselor, centrala termica si electrica Kazan, Rusia

Aptitudini: I have experience in IT / Telecom, Databases domains / recruiting experience in IT / Telecom, Engineering domains; comunicare date, lucru in echipa, git, lucru cu clientii, instrumentatie si punere in functiune

Certificari/traininguri: SCADA Krug, Siemens PCS7, workshop de lucrari de pornire si service pt echipamente din linia de produse Libert

2)

Denumire job: Inginer SCADA

Descriere job: Issuing internal orders to design and / or logistics; Validation the reception of the finished product; Conducting and participating in the tests and checks required prior to delivery and / or before the commissioning of the equipment offered by the department; Assistance (commissioning) for equipment and solutions offered; Keeping in touch with current customers and their satisfaction monitoring of products and services across; Making setting up and configuration of SCADA equipment; Making SCADA equipment; Providing and physical distribution of products and services. Knowledge, learning the legal provisions in force on the actions and activities of the job specification; Accuracy of data in documents produced; Running the deadline assigned by supervisor;

Confidentiality of information and documents outside the company;

Preservation and archiving documents and records developed or received in the specific field of activity. Activities were conducted both in the office and in the field, performing under the direction of fellow parameterization and configuration of SCADA equipment and their achievement.

3)

Denumire job: Automation and Process Control Engineer, Londra

Descriere job: SCADA for photovoltaic park (1.4 MW) – Galbiori (ongoing):

- Proposing hardware architecture and equipment selection;

- Project management and relationship with contractor and collaborators for SCADA implementation;
- Upper communication network configuration (Modbus RTU, Modbus TCP/IP, IEC, OPC);
- Interconnection of several PLCs, weather station, energy metering units, relays, etc;
- Development of HMIs;
- SCADA software configuration;
- Connection to Dispatch Center;
- SAT and FAT;

Reconfiguration of weighing system - OCTOGON GPL Midia (2013):

- assessing Modbus network;
- switching the weighing system from serial communication to analog inputs in PLC;
- HMI and SCADA reconfiguration;
- SAT;

Building Automation System - FCINT european research program (2013):

- Software architecture proposal;
- Equipment architecture proposal;
- Technical project;

Energy efficiency system -Shopping Centre - Galleria Mall Arad (2012):

- Modbus and M-bus network configuration for 130 devices;
- gateway configuration, OPC configuration;
- HMI design;
- SCADA logic (Genesis Iconics);
- SAT and FAT;

Aptitudini: SCADA, DCS, Industrial Communication  
Automatic Control for Chemical and Power Plants  
Embedded systems programming  
Sensors and transducers, AC and DC Motors  
Electric and magnetic field modeling  
Automation control  
Programming in C and Java

4)

Denumire job: Inginer SCADA, Iasi

Descriere job: Job description: - HMI, Operator Assistant and Operator Panel development using the following SCADA programs: WinCC, InTouch and COPA DATA- zenon Supervisor 7.0

- Functional description documents for the melt shop processes/ devices ( Electrical Arc Furnace, Ladle Furnace, Raw Material Handling, Fumes Treatment Plant, Auxiliary Energy-MORE, Water Treatment Plant) - Troubleshooting, debugging the HMI's
- Visual Basic code writing to fulfil the client needs
- Acceptance Test for each project (test of the project with the development team and client)
- Working in multi-national and interdisciplinary project teams
- Siemens certificate for Step 7 (2 weeks of training)
- COPA DATA zenon Supervisor 7.0 certificate (2 weeks of training)

Responsibilities: - Design of the project interface using different programs, operating systems, electrical diagrams and specific documents

- Client requirements solving and adapt them to company standards
- Debugging the projects, finding bugs, solve faults; writing documentation in order to prevent the same problem to happen in other projects
- Technical support for the colleagues on field; update in real time the project, offer full support to solve issues or implement new requirements of the client (via mail, chat, phone or Team Viewer)
- Writing required documents for each project (operator manual, how to use peculiar devices)

Accomplishments: - Main responsible with the interface design of a new standard of the company (using touch screen monitors) to perform intuitive and user friendly frameworks for the operators in charge with the use and supervise of the application during installation, production and maintenance phases

- Updating the templates with new options based on prior findings (each client is different but some issues were repetitive so I handled them as a bundle and designed new methods to meet them all) or create and implement new devices that were not used before

Certificari/traininguri: Training description - Basic knowledge in electrical motors, relays

- Soft skills: team work, human resources management, projects presentations, project management
- WinCC
- Step 7

Realizare de proiecte de inginerie electrica



Cursuri de AutoCad, EPlan, Managementul Proiectului, Soft Skills

5)

Denumire job: Inginer SCADA, Ploiesti

Descriere job: Conpet SA este Transportatorul National de titei prin conducte

Responsabilitati, Realizari

Urmare implementare Proiect de automatizare a sistemului national de transport titei prin conducte;participare la testele de fabrica pentru sub-sisteme si echipamente,puneri in functiune,cursuri.

Referinte, Alte observatii

Activitatea se desfasoara pe tot teritoriul tarii, o parte din testele de fabrica s-au desfasurat la firme din strainatate(Anglia,Franta,SUA,Germania);  
Cursurile au fost organizate de ABB-Germania care este Contractorul general;

Aptitudini: Fabrica de carton si hartie

Responsabilitati, Realizari

coordonare activitate echipe de AMC-isti si electronisti(grafice de lucrari si activitati curente);  
mentinerea in stare de functionare a instalatiilor de automatizare din intreprindere.

Referinte, Alte observatii

Intreprinderea fabrica hartie si carton in regim de foc continuu.; Mentinerea in functionare optima a centralei telefonice cu cca. 200 porturi;reconfigurarea dupa necesitatile Institutiei; gestiunea traficului telefonic; Instalare si punere in functiune sisteme de telecomunicatie bazate pe centrale de institutie,cablare structurata;  
Asigurarea service perioada de garantie si postgarantie,programare centrale telefonice digitale sub 200 porturi;  
Configurare si instalare sistem de contorizare a traficului telefonic.;efectuarea de reglaje finale linie de asamblare televizoare;  
reglaje aparatura audio si video;  
depanare aparatura audio

6)

Denumire job: SCADA System Specialist - Nuclear Power Plant

Descriere job: a) Nuclearelectrica, Constanta (Romania)

- \* Develop and maintain standardized work procedures for PLC, testing and automation equipment (Siemens, National Instruments, Pheonix Contact, Honeywell, Yokogawa,,Emerson,ABB )

- \* Active maintenance team member in assisting in all areas of SCADA maintenance and troubleshooting (SCADA for Water Treatment Plant, SCADA for the 110 kV Station, SCADA for GE turbine using Mark VI controllers, Yokogawa controllers etc.)

- \* Process network administrator, DCC network administrator.

- \* Configuration control responsible, back-up testing, revisions and software updates.

- \* Conduct continuous improvement projects related to PLC, testing and automation equipment.

- \* Technical management, planning and controlling engineering work packages. (design packages for new digital systems added to the plant project)

- \* Perform detailed problem analysis on critical incidents to prevent reoccurring issues and improve resolution time

b) Cez Group, Constanta (Romania)

- \* Troubleshooting SCADA500, MySQL database, communication equipment issues. (CISCO routers, switches, Windows Servers administration, FO media converters, etc.)

- \* Troubleshooting Mark IV Controllers, using VisuPro and Toolbox at a professional level.

- \* Schedule operations and crane for major parts (blade exchange / main shaft/ drive train) exchanges under cost effectiveness objectives.

- \* Schedule minor parts replacements under condition-based maintenance system, using CMS software for vibration and parameter monitoring tasks.

Other WTG Costumer Representative related activities:

- \* Remote control, operation and monitoring forMW GE WTGs as needed. (Salzbergen permanent contract)

- \* Customer inspection after various types of maintenance.

- \* Blade inspection, alignment operations.
- \* Cell test, battery and UPS tests, etc.
- \* Gearbox inspection (Endoscopies, after vibration monitoring analysis).
- \* Initiate and review JSAs after major failure events

Aptitudini: Daewoo Mangalia Heavy Industries, Constanta (Romania)

- \* Installation and commissioning of over 150 electrical systems for various ships, like :Public Address, Fire detection Alarm, Speed log, Radar, GPRS, Radio, VHF, Navigational Lights and systems, Steering, Fire extinguishing systems, etc.;

Chimpex-Ameropa, Constanta (Romania)

- \* Maintenance and troubleshooting for conveyor belt automation system in Constanta Port (Siemens S7-300)
- \* Improving and sustaining the good functionality of the conveyor belt system by keeping the automation control system electrical diagram, wiring diagrams, functional control charts up to date.

Certificari/traininguri: cursuri specialitate hidraulica, reactoare, sisteme de control a reactorului, sisteme integrate de management(Learning Management System LMS), echipament de masura si control, siguranta muncii in reactor, termodinamica, mecanica fluidelor, fizica nucleara, chimie, inginerie electrica, proceduri de raspuns rapid la urgente si hazarduri, preventie, protectia mediului, cursuri Centrala nucleara Cernavoda, inginerie regenerabila

7)

Denumire job: Inginer SCADA, Distributie Energie Oltenia

Descriere job: În poziția de inginer SCADA am responsabilitatea de a asigura funcționarea continuă și comunicarea eficientă a rețelelor electrice de[kV] din județele Argeș, Vâlcea și Olt. Printre responsabilitățile și abilitățile mele se numără:

- Monitorizarea și gestionarea sistemelor SCADA, cum ar fi Mikrodispecink și Spectrum Power 7 (inclusiv prin intermediul Oracle V6/V7);
- Mentenanța echipamentelor și a softurilor SCADA în colaborare strânsă cu echipele de mentenanță, lucrând cu furnizori precum SIEMENS, ABB, EATON, EFACEC, ELVAC, etc.;

- Lucrul cu echipamente de telecomandă și control pentru punctele de alimentare și centrele de telecomandă de[kV]. Executant SCADA in Statia Prundu[kV];
- Cunoștințe extinse despre programarea RTU/PLC și protocoalele de comunicare, inclusiv IEC61850, IEC, IEC, MODBUS, DNP, etc.;
- Cunoștințe generale despre releele de protecție și proiectarea automatizărilor în stațiile și posturile de transformare (Siemens A8000, Siemens AK1702 si AK1703, General Electric D20 si D400, Efacec CLP500, ABB RTU 500,etc.);
- Deținerea de certificări specifice, cum ar fi Cisco Certified Network, Oracle Certified Programmer, Geographic Information System și ZWCad;
- Experiență în configurarea, operarea și administrarea sistemelor SCADA pe platforme precum Windows și Linux Redhat;
- Identificarea și remedierea rapidă a problemelor întâmpinate în rețelele electrice;
- Dezvoltarea și implementarea procedurilor de urgență și a planurilor de backup pentru a gestiona situațiile de criză.

Aptitudini: Sunt un inginer SCADA pasionat de inovație și eficiență, cu experiență în proiectare și mentenanță. Abordarea mea proactivă și abilitatea de a colabora în echipe diverse definesc modul meu de lucru. Întotdeauna îmi place să fiu la curent cu cele mai recente tehnologii și să găsesc modalități de a îmbunătăți performanța sistemelor.; echipamente instrumentatie, scheme electrice, principiile electricitatii

Certificari/traininguri: Master Fac. de Energetica UPB - Sisteme Inteligente de Instrumentatie si Masurare, Electronica de putere si actionari electrice

8)

Denumire job: Internship SCADA, Distributie Oltenia Pitesti

Aptitudini: ulterior jobului, angajat ca Inginer Automatist: Am desfășurat următoarele activități: Proiectare electrica (realizare scheme electrice și BOM), Programare echipamente electrice (PLC-uri, echipamente Vision, echipamente Safety, etc), Realizare tablouri electrice si montaje electrice, Sisteme de operare VxWorks, Qnx; protocoale de comunicatie Modbus, IEC; automatizari si protectii electrice.

9)

Denumire job: Project and SCADA engineer

Descriere job: \*HMI Display Building (Process, Cause and Effect, Fire and Gas, Aux, etc. Displays) built based on native displays (migration) or P&ID;

\*Testing the shapes functionality

\*Checking displays for PreFAT, FAT(Factory Acceptance Test);

\*Participation in PreFat and FAT;

\*Working with internal tools;

\*Working with java scripts.

Aptitudini: Java, MySQL

10)

Denumire job: SCADA engineer, Yokogawa Bucuresti

Descriere job: Developing, deploying and maintaining a SCADA system includes designing hardware and software functional specifications for automated processes. After the specifications are designed, these professionals test the system to ensure functionality and monitor systems to quickly address problems or adjust automated processes.

Aptitudini: C++, electronica, MATLAB

11)

Denumire job: Inginer SCADA, TeleTrans Timisoara

Descriere job: Monitorizarea, întreținerea și optimizarea sistemelor SCADA utilizate pentru infrastructura energetică.

- Participare activă la implementarea și configurarea echipamentelor de comunicații industriale.

- Asigurarea suportului tehnic pentru rețele și aplicații SCADA în cadrul proiectelor regionale.

Aptitudini: inginer SCADA cu experiență solidă în sisteme industriale de control, infrastructură IT și procese de producție. Demonstrez abilități tehnice puternice în C++, AutoCAD și aplicații Office, alături de o abordare orientată spre soluții și învățare continuă. Doresc să contribuie la proiecte de anvergură într-un mediu tehnologic provocator și inovativ.

Certificari/traininguri: operator productie(joburi)

12)

Denumire job: Inginer SCADA, Compania de apa RAJA Constanta

Descriere job: •Realizarea lucrărilor complexe de implementare, extindere și mentenanță pentru sistemele EMS/ DMS SCADA, automatizare a distribuției și infrastructura de comunicații și securitate aferentă din gestiunea companiei.

•Executarea lucrărilor de configurare, parametrizare, verificare/ testare, punere în funcțiune, revizie, reparație, diagnoză și remediere a incidentelor la sistemele SCADA/ SAD electricitate și infrastructură de comunicații de proces în timpul programului normal de lucru și în regim de consemn la domiciliu.

•Asigurarea funcționării continue 24/7 și a mentenanței preventivă și corectivă a sistemului SCADA și răspunderea de actualizare permanentă a inventarului echipamentelor și sistemelor din rețeaua de proces SCADA și a aplicațiilor utilizate în sistemele SCADA/ SAD.

•Răspunderea de aplicarea a actualizărilor de securitate a software/ firmware aferent echipamentelor și sistemelor din rețeaua de proces SCADA în vederea menținerii unui nivel adecvat al securității, vulnerabilităților și cooperarea cu echipa CSIRT/ SOC pentru determinarea aplicabilității vulnerabilităților echipamentelor și implementarea acțiunilor de remediere necesare în rețeaua de proces SCADA.

•Realizarea altor sarcini care decurg în mod natural din rolul actual, adaptate la cunoștințele și abilități.

Aptitudini: I. Administrarea echipamentelor hardware:

- mentenanta si configurarea echipamentelor hardware (calculatoare, imprimante, copiatoare, telefoane, fax-uri, etc);
- instalarea echipamentelor noi si introducerea lor in schema de revizii periodice;
- reinstalarea echipamentelor vechi in caz de redistribuire, sau mutarea lor intr-o alta locatie a utilizatorului; -identificarea si remedierea problemelor hardware, atat la cererea beneficiarilor sau sefului direct cat si in cazul detectarii unei probleme, pe teren sau in service;
- schimbarea componentelor din echipamentele informatice, verificarea corectitudinii schimbarii, verificarea functionalitatii optime;

Certificari/traininguri: Siemens Romania - TIA Portal Programming 1 TIA-PRO1

13)

Denumire job: Inginer SCADA

Descriere job: a) Company & Location:BOTAS (Turkey National Petroleum Pipeline Corporation) for

Baku-Tbilisi-Ceyhan crude oil transportation pipeline (BP project), the Turkish section.

Responsibilities:

- o acted as SCADA engineer, part of the mobile completion team.

My job was commissioning of block valves along the pipeline LOT A and LOT B), of pump stations (PT1 and PT2), intermediate pigging station (IPT2).

- o involved in the end to end testing (coordinated from Sangachal (Azerbaijan)) of block valves, pipeline emergency depressurization protection system and also process systems in pump station PT2.

b) Company & Location:Sakhalin Energy Investment Corporation (Shell+GazProm project),

Yokogawa vendor, Sakhalin island, Russia

Responsibilities:

- o commissioning/operations support activities involving ESD and F&G safety systems (loop checking, Cause & Effects diagrams checking, software/hardware required modifications, troubleshooting Yokogawa Pro Safe PLC system malfunctions,...).

- o In charge also with the FGS and ESD/PCS sequence of events recorders (SER's) and generally involved in all aspects of the ICSS commissioning and proper functionality (Plant Resource Manager (PRM), networking, printers, displays, ...)

- o I have also acquired certain experience on the Yokogawa Centum 3000 DCS and Foundation Fieldbus technology (both via training courses at Yokogawa facilities and on site, during plant commissioning).

c) \* Company & Location: IMTECH-BOLASHAK, AGIPKCO KASHAGAN project, D-Island,

Kazakhstan

\* Responsibilities:

coordination and direct commissioning activities of the ICSS Packages PLC team (loop checks, logic checks, serial links tests, perational Tests/Start-up support, etc); around 200 packages PLC's of about 10 different makes (most of them Allen Bradley and Simatic but also Schneider, Mitsubishi, GE Fanuc,...);

d) \* Company & Location: INITEC Spain Beni Saf Compressor Station, Algeria

\* Responsibilities:commissioning procedures preparation; I&C/Telecom commissioning

coordination activities (loop checks, logic checks, Operational Test Procedures support, maintenance support, etc); works performed in accordance with TOTAL speciffications, using ICAPS software;

e) \* Company & Location: Saipem Sharjah, LTA projects, Zuluf, 3, 4

\* Responsibilities:

Check up the engineering documentation and propose corrections/improvements, prepare the job cards and work packs documentation for construction / precommissioning / commissioning activities; attending the FAT and SAT activities; offshore I&C Hook-up activities.

f) \* Company & Location: National Petroleum Construction Company, Abu Dhabi, UAE

\* Responsibilities:

Prepare the onshore/offshore campaigns documentation (OTP's, various other documents and procedures).

Coordinate I&C commissioning activities for yard platformms before sending them offshore.

Coordinate commissioning/first oil campaigns for offshore sites for Bu Haseer and NASR projects.

Aptitudini: project management, ingineria sistemelor de control, PLC, robotica, mententanta echipamentelor de manipulare la sol, lucru in echipe, sisteme de alarma

Certificari/traininguri: Yokogawa premises - Yokogawa ProSafe PLC / Centum3000 DCS / Fieldbus technology training

14)

Denumire job: Inginer SCADA, Eximprod Bucuresti

Descriere job: In zona SCADA:



- Retehnologizare statii electrice de inalta si medie tensiune cu integrare in DMS SCADA
- configurarea sistemelor SCADA , preluarea semnalizarilor in SCADA locala cat si trimiterea acestora catre dispecerat (SCATEX platforma Efacec UC500, SPECTRUM platforma SIEMENS - WinCC)
- creerea sinopticelor SCADA atat pentru operator cat si pentru dispecer
- punerea in functie a echipamentelor integrate in sistemul SCADA

In zona releelor de protectie:

- Parametrizarea echipamentelor de comanda-control si protectii ( SIEMENS, EFACEC pentru SCADA), folosind urmatoarele protocoale de comunicatie: IEC, IECModbus
- Participare la sedintele de inginerie pentru proiectele in curs de retehnologizare
- Punere in functie a echipamentelor pe parte secundara in statiile de inalta si medie tensiune
- Remedierea neconformitatilor aparute in instalatiile clientilor Eximprod Grup

Aptitudini: generarea de rapoarte (cleme, cabluri, etc.);

ETAP: - realizarea schemelor monofilare;

calcularea curentilor de scurtcircuit;

bilantul puterilor;

Am participat la un proiect de FAT pentru realizarea a 33 de dulapuri, unde am dobandit cunostinte

in:

- commissioning (verificare continuitate cabluri, pozitionarea cablurilor, a strapurilor conform schemelor de proiectare)
- verificarea releelor de protectii
- rezistentele de contact
- tensiunea de energizare a bobinei precum si curentul acesteia;
- verificarea logicilor din relee de protectii (Alstom - GE)

EPLAN: - realizarea schemelor monofilare;

multiplicarea dulapurilor pe partea de circuite secundare;

Denumire job: Programator SCADA, Adasa Sistemas Bucuresti

Descriere job: Developing and testing software applications designed for automation and control systems destined to industrial processes (HMI / SCADA applications development).

Participating in field commissioning, start-up, and maintenance activities – SCADA domain.

Knowledge of Ethernet-based networks in industrial control applications including MODBUS TCP, OPC DA, OPC UA and other communications protocols, and SCADA communications.

Experience in leading / working in group to meet job objectives on time and in budget.

Preparation and elaboration of documentation for participation at tenders.

Preparation and elaboration of documentation for SCADA implementation.

Involvement with the sales team for various discussions with potential customers.

Projects:

- "Extension and modernization of the water supply system and the domestic sewage system in 8 localities from the Maramureş county" Beneficiary: VITAL S.A. BAI A MARE. Development of a Regional SCADA system located at the company facilities that centralizes signals from multiple Wastewater Treatment Plants, Potable Water Treatment Plants, Wastewater Pumping stations, Boosters, Pressure Measurement Network. The SCADA is a system composed by 2 redundant servers plus a Historian server. This project involved the integration of signals from different types of PLCs and local SCADA systems, using different communication protocols. The SCADA software used for project implementation is Ignition - Inductive Automation.

- Design and execution of the works for the project HD-CL3 – "Rehabilitation of the water treatment and transportation systems for the water supply in the localities of Hateg, Calan, Simeria and Deva". Beneficiary: ACSA Obras e Infraestructuras S.A. (Final beneficiary: S.C. APA PROD S.A.

DEVA Development of a SCADA system for the Santamaria Orlea Wastewater Treatment Plant, involving data acquisition, control and supervision processes taking place in the treatment plant. The SCADA software used to project implementation is WinCC TIA Portal - Siemens.

- "Improvement of the treatment process in the Water Treatment Plants from the localities of Preajba and Polata – Târgu Jiu city" 2015. Development of a SCADA system for 2 Potable Water Treatment Plants (Preajba & Polata) involving data acquisition, control and supervision of the processes taking place in the two stations. In addition, it is also carried out the integration of the local SCADA system with the regional SCADA System located at the

headquarters of Aparegio Gorj company. The SCADA software used at project implementation is Ignition – Inductive Automation. The works included the integration of this local SCADA in the Regional SCADA using Archestra platform – Wonderware.

- Development of a Regional SCADA system at the facilities of the public water company Compania de Utilitati Publice Dunarea Braila SA that centralizes the signals from various Wastewater Treatment Plants, Potable Water Treatment Plants, Wastewater Pumping stations, Boosters, Pressure Measurement Network. The SCADA sistemul is a redundant system, composed by a regional control center and 4 operational minicenters. The project included the integration of the signals from different types of PLCs, using different communication protocols. The SCADA software used to project implementation was Ignition - Inductive Automation.
- "Supervision and control of data collection (SCADA)" within the project "Extension and rehabilitation of water and wastewater systems for Gorj county – SCADA". Beneficiary: S.C. APAREGIO GORJ S.A. Implementation of an integrated solution type regional SCADA for the control and supervision of regional water supply systems (water production and network telemetry) and sewerage systems in 5 localities from the Gorj county, Wonderware technology-based solution.
- "Technical Asistance for Project Managementul, Design and Supervision of the Works related to the project „Rehabilitation and modernization of the water supply and wastewater collection systems in the Prahova county” Setting configuration in terms of hardware and software of SCADA system, by defining the types and quantities of equipment needed; connecting with the developed SCADA systems running on existing applications or to be implemented through the project of rehabilitation and extension of water and sewerage system in the region.
- "Rehabilitation and modernization of the water supply and and wastewater collection systems in the Ilfov county" Implementation of an integrated solution integrate type regional SCADA for the control and supervision of the water supply systems (water production and network telemetry) and sewerage systems from 8 localities from Ilfov county, WinCC technology-based solution.

Certificari/traininguri: Master Automatica si Informatica Aplicata UPB - Automatizari industriale, Calculatoare de proces

16)

Denumire job: Inginer SCADA, EnergoBIT Cluj-Napoca

Describe job: Project based activities involving design, configuration, testing and commissioning of Telvent and Sprecher SCADA systems for MV/LV Transformer Substations and MV/HV Electrical Main Transformer Stations. Experienced with TCP/IP and Serial communication protocols: IEC61850, IEC101, IEC103, IEC104, DNP 3.0, Modbus, RS232, RS485. Proficient with Schneider/Telvent RTU's, acquisition modules and configuration software. Good knowledge of SEL Axion Distributed Control and Integration Platform, SEL Computers and networking equipment. Familiar with Viola Systems products and solutions – Arctic GPRS Gateways and Routers; experienced with Serial/Optical media converters. Good knowledge of Wireshark Protocol Analyzer.

Projects:

"Automatic Meter Reading" – Installation and configuration of Telvent RTU's in National Grid Operator "Electrica SA" Transformer Stations. Power meters (ION6200 and ION8800) integrated over Modbus protocol; RTU's integrated over IEC104 for communication with the National Dispatch Center.

"Abator" kV Transformer Station - Integration of SEL protection relays over IEC61850 Protocol using Schneider/Telvent Saitel DR RTU's and Oasys DNA 7.4 SCADA Software.

"Stejaru" Windfarm 110/30kV Substation – Complete SCADA Solution for Windfarm Substation. System is composed of Schneider Sepam and SEL protection relays, Telvent Saitel 2000DP RTU's and acquisition modules and Oasys DNA 7.5 SCADA software. Protection relays were integrated over IEC104. Other communication protocols used were Modbus for ION PowerMeters, IEC104 for local SCADA and IEC101 for integration to the National Dispatch Centre.

"Satu Mare 1" kV Transformer Station - Integration of SEL and ABB protection relays over IEC61850 protocol.

"UCEA" 80 MW Solar Park Substation – SCADA solution for Transformer Station using Schneider/Telvent RTU's. Integration of ABB Protection Relays over IEC61850. Integration at the National Dispatch Centre over IEC101. Configuration, testing and commissioning with Oasys DNA 7.5 SCADA Software.

"Manastur" kV Transformer Station – Integration of Sepam and Micom protection relays over IEC61850 protocol using Telvent/Schneider Saitel DR and Saitel 2000DP RTU's.

"Crucea North Windfarm" – Redundant SCADA solution for kV Main Transformer Station and 33/110kV Windfarm Substation using SEL RTU's, SEL networking equipment, SEL and SIEMENS protection relays and Telvent OasysDNA 7.5 SCADA Software.

Communication protocols used in the project : IEC 61850 for integration of protection relays, Modbus for integration of Windfarm RTU and Substation power meters, DNP 3.0 for the interconnection of 33/110kV Substation and kV Main Transformer Station, IEC 101 for integration at National Dispatch Centre, IEC 104 for local and other connected SCADA HMI's.

“Bawku” and “Zebilla” kV Ghana Transformer Stations – Complete SCADA System using SEL Hardware. HMI design with SPRECON V460 SCADA software. Project is in commissioning phase. Zebilla Transformer Station was commissioned in June 2015. Commissioning for Bawku Substation is scheduled for beginning of September 2015.

17)

Denumire job: Inginer SCADA

Descriere job: ▪ Configuration of communication networks for SCADA systems, using the following communication protocols: TCP/IP, IEC, IEC DNP3, Modbus

- SCADA system configuration, UP and DOWN communication
- Familiarization with the following software used to configure Protection relays : Easergy Pro

(Schneider); PCM (ABB); Digsig (Siemens) software to integrate transformer stations or transformer posts into SCADA

- SCADA commissioning and relay protection on-site acceptance test
- Participation in numerous on-site works, responsible for the configuration of HMIs related to transformer panels and electrical substations
- SCADA system configuration, UP and DOWN communication, configuration on UC 500 (Efacec platform)
- Testing of reclosers and disconnector on power lines.
- Testing and integration of relays on transformation posts.
- Integration and configuration for dispatching using the ScateX platform
- Configuration of communication networks for SCADA systems, using the following communication protocols: TCP/IP, IEC, IEC DNP3, Modbus
- Participation in numerous on-site works, responsible for the configuration of RTUs and HMIs related to transformer panels and electrical substations
- Scada configuration for dispatch (Scatex platform);
- Establishing and maintaining relationships with contract partners
- Scada system communication networks, communication, protocols used: TCP/IP, IEC, IEC DNP3, Modbus;
- Configuration of the RTU database, HMI database and synoptic;

Aptitudini: Knowledge in SCADA industrial systems Worked on HMI projects - building and configuring displays TCP/IP protocol basics, knowledge of IEC protocols Knowledge in networking (router config, firewalls) Hands-on experience with operating systems Windows, Linux Hands-on experience with Autocad, Jira, Schneider, Siemens, Abb, Phoenix Contact, Securiton, Cisco, Efacec Software

18)

Denumire job: Inginer SCADA, Compania Apa Canal Sibiu

Descriere job: Monitoring and control activities

- monitoring and control in real time of SCADA system parameters distribution network of drinking water and sewerage

- development preventive maintenance programs

- avoiding incidents and accidents, data recording, analysis and reports

19)

Denumire job: Inginer SCADA

Descriere job: Elaborare, testare si implementare aplicatii SCADA in industria cimentului, industria auto, alimentare cu apa a localitatilor.

Automate programabile, Step, Step, RS Logix, RS Logix, FT View, WinCC, WinCC flexible, PCS7.

## 20. Termoficare Oradea SA

### Skills

#### General skills

c VirtualBox Electronics HTML SQL Computer Hardware Networking Active directory Citrix  
VMware Windows Server

#### Skills from work experience

Microsoft Office test engineering Electronics Team work electrical measurement Tehnical Terms OrCAD  
english oscilloscope dmm electronic schematics MICROSOFT OFFICE Reading DataSheets VPN  
Active directory VMware Networking Ubuntu Windows Server Microsoft Exchange prtg spiceworks  
Windows 10

Key words: Troubleshoot, scada

Descriere job:

- design, update & troubleshoot HMI applications for the SCADA system using Ignition software
- troubleshoot SCADA network infrastructure
- network devices configurations for the SCADA system & internal IT infrastructure
- backup policies for the SCADA system
- documentations for the SCADA system & IT network
- network monitoring & troubleshooting
- software installations & PC \ Laptop configurations
- develop and maintain company's website
- technical support for internal users

## 21. Infosys

### Skills

#### General skills

HTML - nivel incepator   Microsoft Windows   Microsoft Excel   Microsoft Word   Microsoft PowerPoint

Social skills and competences   ability to pay attention to details   honest and trustworthy   internet user skills

server administration   talkative person   Open minded   Coaching skills   HTML

#### Skills from work experience

Mediatek   Vantive   spark   salesforce.com

Social skills: communication and networking skills; adaptability; Ability to work in a team; Ability to assimilate information and updated knowledge; earnest; perseverance; Punctuality.

AOL.com



Key words: Server

Descriere job:

Active Directory

-Internal applications

-AMS

-WMS

-OMS

-Chronos

-Microsoft

-Major incidents - contacting on site engineers, find root cause and solve issues

-Implement roles back and front end

-Monitoring Wind Farms(onshore and offshore) and PV

-Troubleshoot

-Powershell

-Infrastructure

-Service Now

22. meteocontrol

## Abilitati

### Abilitati generale

Networking

Radio

### Abilitati dobandite la locurile de munca

Networking

Teamwork

problem solver

panouri fotovoltaice

problem analysis problem solving

Proiectare instalatii fotovoltaice

interactiunez cu clientii

sisteme **scada**

programmable logic controllers

Key words:

sisteme **scada**

programmable logic controllers

Proiectare instalatii fotovoltaice

Descriere job:

- Suport remote si onsite pentru clienti din sectoarele comercial, industrial si utility

- Programare PLC pentru a facilita comunicarea dintre echipamentul de control al operatorului de retea si bluelog (loggerul de la meteocontrol)
- Punerea in functiune a bluelog (Power Plant Controller) respectand cerintele operatorului de retea specificate in documentatie
- Scanarea, verificarea functionarii corespunzatoare a tuturor componentelor parcului fotovoltaic (invertoare, metere, senzori, trackere, PLC-uri, echipamente de control)
- Testarea si certificarea functionalitatii parcului fotovoltaic conform cerintelor operatorului de retea (teste de putere activa si putere reactiva pentru a atesta un raspuns optim la un eveniment de frecventa sau tensiune)
- Conlucrare cu departamentul de Vanzari si Design tehnic pentru a oferi o solutie holistica adapta fiecarui proiect in functie de cerintele operatorului de retea
- Majoritatea proiectelor din Germania, in concordanta cu normele VDE insa si interventii la parcuri fotovoltaice din Romania, Ungaria si Bulgaria.

## 23. Pet communication

### Abilitati

#### Abilitati generale

cunostinte de **scada**

cunostinte de configurare hmi siemens

cunostinte de programare PLC Siemens

#### Abilitati dobandite la locurile de munca

Microsoft Office

Automatizari

Instalatii electrice

Cunostinte de configurare a retelelor de calculatoare

instalare echipamente electrice electronice

Sistem de management al task-urilor

Cunostinte medii IT hardware.

Key words: PLC, HMI, WinCC

Descriere job:

Inginer SCADA. Modificare si diagnosticare soft PLC (Siemens), configurare de la zero soft HMI. Interventii si diagnosticare probleme de natura electrica (automatizari). Lucru în WinCC 7.5/ 8, nivel mediu.

## 24. Distribuție Energie Oltenia

### Abilitati

---

#### Abilitati generale

Matlab

utilizarea programelor

#### Abilitati dobandite la locurile de munca

Permis conducere categoria b

Conducere

tehnice domeniu

capacitate planificare organizare

organizarea personalului activitatilor

Key words: Conducere

Descriere job: Execută manevrele programate, sau accidentale, în stația respectivă.

## 25. SC APA TÂRNAVEI MARI, MEDIAȘ

### Abilitati

---

#### Abilitati generale

cunostiinte psihologice

IT

Office

#### Abilitati dobandite la locurile de munca

AutoCAD

GIS

rstudio

Office

Key words: GIS

Descriere job: Administrativ / Logistica

## 26. SC.Apa Tarnavei Mari S.A

### Abilitati

#### Abilitati generale

administrare retea calculatoare

instalatii electrice si automatizari

intretinere si reparatii pc

Programare JavaScript

CSS

HTML

#### Abilitati dobandite la locurile de munca

Programare PLC

Communication

Automatizari

Electronica

Instalatii electrice

administrarea afacerii

comunicare relationare

Proiectare

SolidWorks

sisteme **scada**

Programare

nodejs

ExpressJs

React JS

Next.js

Key words: PLC, SCADA

Descriere job:

Participare la elaborarea documentatiei de atribuire, deoarece sistemul SCADA este parte componenta a investitiei cu fonduri europene de extindere si reabilitare a sistemului de apa si apa uzata, atribuirea facandu-se prin licitatie deschisa conform legislatiei achizitiilor publice. Supervizare din faza de proiect a solutiei tehnice. Formarea si coordonarea post executie a echipei de operare si mentenanta SCADA si automatizari.

## 27. Energobit

### Abilitati

#### Abilitati generale

Microsoft Office

Dorinta de ascensiune profesionala

Bun simt

Bun ascultator

munca in echipa

Adobe Photoshop

Microsoft Excel

Microsoft Word

Microsoft PowerPoint

Microsoft Windows

Mathlab

HTML

Dorinta de afirmare profesionala

Dorinta de avansare

web design

Dorinta de promovare

Dorinta de a progresa

#### Abilitati dobandite la locurile de munca

AutoCAD

Microsoft Office

SolidWorks

PLC

Eplan Electric

Microsoft Word

Key words: PLC

Descriere job:

Integrare, parametrizare, punere in functie, monitorizare si mentenanta a sistemului SCADA in posturi (20/0,4 kV) si statii (110/20/6 kV) de transformare a energiei electrice.

Modelarea retelei de medie si joasa tensiune in DMS a principalelor sucursale SDEE Transilvania Nord (Cluj, Bistrita, Baia Mare, Satu Mare, Zalau)

## 28. CGN Europe Energy

### Skills

#### General skills

SEE Elctrical Expert Drawing's

SEE Elctrical Expert Drawingl's

Technical support locally and remotely

coordination and project management

Team Management

Key words: SEE

Descriere job:

Plan and review compensation actions; enforcing policies and procedures

Analyze process workflow, employee and space requirements and equipment layout; implement changes

Maintain safe and healthy work environment by establishing, following and enforcing standards and procedures; complying with legal regulations

Meet or exceed operations labor budget expectations

Develops electrical and SCADA optimizations to improve the reliability of plants

High level support of technical team about electrical issues

High level support of technical team about communication and network issues.

## 29. Compania Municipala Termoeenergetica Bucuresti

### Abilitati

#### Abilitati generale

AutoCAD   Microsoft Office   **Scada**   Excel

#### Abilitati dobandite la locurile de munca

AutoCAD   Automatizari   Instalatii electrice   Inginerie electrica   Coordonare   energie termica   luare decizii

Key words:

**Instalatii electrice**

**Coordonare**

**energie termica**

**luare decizii**

Descriere job: •Manevre echipamente puncte termice de la distanta.

•Citire+interpretare valori.

•Identificarea si analizarea anomaliilor din retea.

•Receptii revizie puncte termice (instalatii electrice, pompe electrice, instalatii de automatizare).

•Analiza consum energie electrica.

•Referate achiztii materiale electrice.

## 30. Apa Tarnavei mari

### Abilitati

#### Abilitati generale

imi place sa interactionez cu oamenii   atent detalii perseverent migalos   deschis schimbări   serios simtul raspunderii  
simt practic estetic

#### Abilitati dobandite la locurile de munca

Desen tehnic   Frezare   Organizare   Corectitudine   sofer livrator   comunicare buna   punctual

Key words: Monitorizare

Descriere job:

Monitorizarea functionari statilor de pompare a apei potabile si a apelor uzate din reseaua de operare. Preluarea defectelor de apa si canal si trimiterea lor catre echipele de interventii pentru remedire

### 31. Compania de Apa

 **Abilitati**

**Abilitati generale**

intocmirea program marketing

intocmirea panului de marketing

elaborarea studiu de piata

experienta in achizitii publice

Experienta in lucrul cu clienti

Implementarea sisteme GIS cu ArcGIS

**Abilitati dobandite la locurile de munca**

Dezvoltare sisteme informatice

limbaj de programare cobol

intretinerea sistemului de monitorizare

Microsoft SQL Server

Procesare Date

realizarea infrastructurii hard si soft pentru sistemul GIS care include baze de date geospatiale

aplicatia software de publicare

si afisare a datelor grafice si textuale

elaborarea raportului privind organizarea departamentului GIS

elaborarea programului de pregatire profesionala si instruirea personalului

implementarea sistemului GIS

editarea grafica si textuala in bazele de date SQL Server spatial

utilizare platforme soft gis geomedia

arcgis pri

key words: GIS system

Descriere job:

managementul sistemului de automatizare si monitorizare parametri retea apa

#### Certificari

certificat de absolvire curs AutoCad Map

perioada Sep 2009 - Oct 2009

PROMAX

certificat manager marketing

perioada Sep 2007 - Ian 2008

ERICSON, Bucuresti

utilizator Geomedia Profesional

perioada Feb 2003 - Feb 2003

INTERGRAPH Training Center

manager proiect

perioada Iun 2000 - Iun 2000

Universitatea Politehnica Bucuresti

#### Traininguri

utilizarea licentei GIS desktop Geomedia Profesional

perioada Iun 2000 - Iul 2000

utilizarea licentei GIS desktop Geomedia Profesional

### 32. SC ARCIF AG SRL GALATI

## Abilitati

---

### Abilitati generale

Auto cad 2014

Microsoft Office

Eplan

### Abilitati dobandite la locurile de munca

Microsoft Office

E-Plan

Microsoft Outlook

Auto cad 2014

eplan p8

acrobat adobe

ms office

AutoCAD2014

Key words: AutoCAD, Eplan P8

### Descriere job:

- întocmire documentatie pentru situatii de lucrari aferente lucrarilor electrice, întocmire documentație de calitate a lucrarilor si a tablourilor uzinate, inclusiv buletine incercari tablouri electrice, procese verbale (PVRM, PVRC, PVLA, PVFD etc);
- operare calculator, tabele în excel, utilizare pachet MS Office (Windows, Excel, Outlook, Power Point), Adobe Acrobat, Fine Reader, navigare Internet si altele;
- activitate de ofertare pentru achizitii și licitații;
- desenare și proiectare asistată de calculator, utilizare AutoCAD și Eplan P8;
- efectuare modificări și revizii, întocmire și execuție a documentației electrice, de uzinare și montaj, revizuire documentație în urma releveelor primite, execuție planuri de montaj, jurnale de cabluri, planuri de amplasament instalații electrice;
- elaborare documentație finală, pregătire documentație proiect pentru predare și arhivare, atât în format tipărit cât și în format electronic, gestionare și stocare adecvată a documentației;
- asigurare suport administrativ pentru departament;
- întocmire documentatie pentru obtinere aviz tehnic de racordare, contracte de racordare, contracte de furnizare etc. si sustinerea relatiei cu furnizorul de electricitate.

Certificari: Cursurile masterului Utilizarea Eficientă a Energiei și Surse Regenerabile (UEESR) din cadrul Facultății de Automatică, Calculatoare, Inginerie Electrică și Electronică.

## 33. EnergoBit

## Skills

---

### General skills

scada systems

industrial automation

automotive engineering

manual testing

system testing

### Skills from work experience

industrial automation

bidding

scada systems

electrical equipment

system testing

manual test execution

test equipment



Key words: Scada systems

Descrivere job: - Design and configure network and communication paths for Remote Terminal Units (RTU's), and other SCADA system equipment and protection logic development;

- Reading and reviewing Electrical Schematics for Control Systems to be installed and interfaced with SCADA;
- Troubleshooting TCP/IP, Modbus and network communication issues (can vary greatly depending on SCADA system and protocol in use);
- Reviewing field control systems (RTU programming);
- Data analysis of an event or process to help identify and make (automation) suggestions to resolve and prevent future issues;
- Interfaces with multiple groups like, measurements, secondary circuits, electrical schematics;
- The SCADA system includes integrated devices supplied by main equipment producers: SEL, Schneider Electric, Siemens, ABB, GE, etc.
- Compilation of databases specific to electrical scheme of equipment manufacturers for medium / low voltage substations;
- Parameterization of modems (GPRS) / switches (FO), specific to the communication with CPU's (RJ45) from the Communication plank and the central / dispatching point. (NR-300, Westermo)

Certificari:

## Qualifications

TUV Certificate 3E

acquired on Oct 2024

Engineer in electronics and telecommunication

acquired on Jul 2018

34. ADREM Engineering

## Skills

### General skills

scada systems

industrial automation

automotive engineering

manual testing

system testing

Key words: Scada

Descrivere job:

- The study of the bidding documentation received;
- Correlating specifications of the task book with the technical specifications of the equipment available on the market;
- Elaboration of the list with biddings for works and materials necessary for the bidders to internal departments;
- Elaboration of the technical and commercial offer related to the electrical equipment;
- Analysis and regular updating of the standard costs resulting in the permanent improvement of the offers made based on the proposed estimates;
- Elaboration of the technical and commercial proposal for the automation systems and SCADA as well as the command, control and protection systems for turnkey works and for the other opportunities that include the previous mentioned equipment;
- Proposing equipment / solutions for the development and improvement of the company's field of activity.

### 35. EnergoBit

#### Skills:

industrial automation

bidding

scada systems

electrical equipment

system testing

manual test execution

test equipment

Key words: Industrial automation

#### Describe job:

- Participation in the analysis of bids and contract;
- Full distribution management functions implementation in local systems of the SCADA/DMS packages;
- Adapting hardware, software and operating systems solutions, as well as existing or projected applications to the users actual or estimated needs in order to meet the demand satisfaction requirements

### 36. Sc Distribuție Energie Oltenia Srl

#### Abilitati generale

Pachet Office

cunoștințe automatizare Tia Portal

robot studio abb

Schemaplic

lucrări cu PLC-uri

Montare camere

sistem de alarma

#### Abilitati dobandite la locurile de munca

Paradox

DSC

Instalare sisteme supraveghere video

instalare sisteme mentenanta

IT

sisteme cctv

toolbox

instalare configurare windows

SADP

Electrica

Instalatii electrice

Electrician

sisteme **scada**

Autorizat ANRE IIA IIB

**SCADA** Electric

Key words: PLC, sistem

Descriere job: Efectuarea de manevre atât în instalația de 110kV cât și în sistemul de 20/6kV.

Consemn la domiciliu cu intervenție dispusă de dispecerat.

Certificari:

**Liceu / Școală profesională - Siemens**

certificat Erasmus + | Krefeld

### 37. Regional Water and Wastewater Company

#### General skills

gis software

autodesk infrastructure

Computer skills

autodesk software

#### Skills from work experience

AutoCAD

total station

GPS receiver

Microsoft Office

gps systems

AutoCad Civil 3D

AutoCAD Map 3D

Autodesk Infrastructure Administrator

Ground Penetrating Radar

Site surveying using Leica equipment

data acquisition

**scada** systems

programmable logic controllers

electrical equipment

GPS

Key words:

data acquisition

**scada** systems

programmable logic controllers

electrical equipment

Descriere job: Supervision and operation of the Drinking Water Treatment Plant in Bacau.  
(SCADA system, Data Acquisition, electrical equipment, PLC's, MODBUS networks, process

data)

Certificari:

### **Undergraduate - Qualification Course (at HERESCHWERKE GmbH)**

**SCADA** Operator, Level II (system administration abilities) | Bacau

## **38. PETROTRANS**

### **General skills**



### **Skills from work experience**



Key words: Scada project

Descriere job:

- Evaluates mechanical and electromechanical systems and products by designing and conducting research programs; applying principles of mechanics, thermodynamics, hydraulics, heat transfer, and materials.
- Develops mechanical and electromechanical products by studying customer requirements; researching and testing manufacturing and assembly methods and materials; soliciting observations from operators.
- Develops manufacturing processes by designing and modifying equipment for fabricating, building, assembling, and installing components.
- Assures system and product quality by designing testing methods; testing finished- product and system capabilities; confirming fabrication, assembly, and installation processes.
- Prepares product reports by collecting, analyzing, and summarizing information and trends.
- Provides engineering information by answering questions and requests.
- Maintains product and company reputation by complying with government regulations.
- Keeps equipment operational by coordinating maintenance and repair services; following manufacturer's instructions and established procedures; requesting special services.
- Contributes to team effort by accomplishing related results as needed.

### 39. SC CRAB SA Compania de Apa Bacau

#### Abilitati generale

instalatii electrice si termice

AutoCAD - nivel mediu

ExpertKIT

Cross

abilitati tehnice in general

Microsoft Word

#### Abilitati dobandite la locurile de munca

Sony Vegas Pro

ExpertKIT

Adobe Photoshop Lightroom

cunostinte avansate despre pompe automatizari si statii epurare

Key words: sistem de supervizare, control si achizitii de date

Descriere job: Postul este unul hibrid in care am atributii de mentenanta echipamente si utilaje din cadrul statiei de epurare dar am si ture SCADA de 12/24, 12/48 ( scada= sistem de supervizare, control si achizitii de date) in care sunt raspunzator de tot procesul tehnologic.

#### Certificari

ANRE electrical autorisation 2AB degree  
perioada Sep 2010 - Aug 2018

Autorizatie electrician cat 2 A+B  
dobandit in Aug 2008

Autorizat pentru lucrul in instalatiile electrice de joasa tensiune max 1000V, indiferent de putere. Autorizat pentru proiectare joasa tensiune.

### 40. Siemens S.R.L

#### Abilitati generale

Capacitate de lucru in echipa

Limbaje de programare

Bash

C#

C++

Communications Engineering

Computer skills

CSS

electrical engineering

electronic

GIT

HTML

IT

IT - Information Technology

Java

Jira

Linux

Python

SQL

telecommunication

Windows

#### Abilitati dobandite la locurile de munca

Java

Linux

Regression Testing

manual testing

Python

Selenium

Key words: RTU

Descriere job: I got acquainted with specific technologies such as SICAM Device used as a means to supervise and control equipment located in electrical stations

## Parametrization of Network Switches and RTU's (Remote Terminal Units)

### 41. SC RAJA SA Constanta

#### General skills

Microsoft Office - advanced   HTML / CSS   Power BI   Python   SQL   tableau

#### Skills from work experience

Project management   E-commerce   Magento   client management   Business development   contract negotiation  
portfolio management   client relations   Network Administration   **scada systems**   industrial automation  
water treatment   Computer Hardware   Team Management   team coordination   production management  
health and safety   Customer service   Sales skills   MySQL   Microsoft Office   Python   excel macros  
vba programming   python scripting   Power BI   ACER REMIT reporting   Electricity Trading Surveillance  
Markets Surveillance   Natural Gas Trading Surveillance   Power Query   VBA   SQL   tableau   MSSQL  
HTML / CSS

#### Key words:

Network Administration   **scada systems**   industrial automation   water treatment  
Computer Hardware

Descriere job: Management of the internal SCADA system's computer network;  
Supervising and control of the water supply and distribution systems;  
On site interventions on telecommunications and remote control equipment;  
Analysis of problems encountered during different processes and providing solutions to improve the system.

Active participation in the ongoing expansion of the company's SCADA system.  
Orange account manager for the company's mobile communication system (voice, data, m2m).

## Certifications

Machine Learning Specialization

acquired on Jun 2023

Issuing Organizations: Coursera / Stanford Online / DeepLearning.AI

Credential ID: Y68CJ2VQNGHM

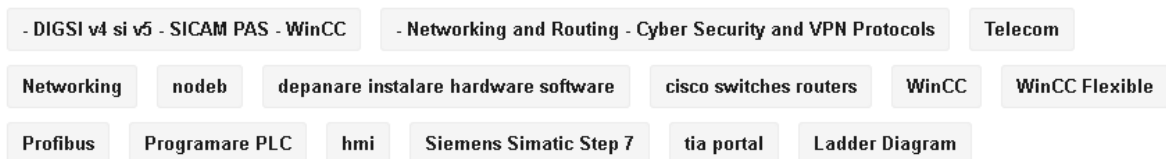
Credential URL: <https://www.coursera.org/account/accomplishments/specialization/certificate/Y68CJ2VQNGHM>

Courses:

- Supervised Machine Learning: Regression and Classification
- Advanced Learning Algorithms
- Unsupervised Learning, Recommenders, Reinforcement Learning

## 42. SIEMENS SRL, Bucurest

### Abilitati dobandite la locurile de munca



Key words: tia portal, WinCC, PLC, HMI

Descriere job:

- Responsabil de Proiectarea, Executarea, Testarea si Punerea în Funcțiune a echipamentelor de Control și Monitorizare SCADA (WinCC+SCC) , inclusiv a rețelei de comunicații (Switch/Router) și restul echipamentelor din sistemul informatic (SIPROTEC4/5, SICAM PAS, SCC+WinCC).
- Responsabil de executarea lucrărilor de Engineering și managmentul proiectelor in diferitele faze ale acestora in contact direct cu clientul final (Pre-FAT, FAT, SAT).
- Optimizarea și îmbunătățirea sistemului SCADA prin propunerea de soluții tehnice adecvate.

## Certificari

SIEMENS Power Academy, Automatica, Calculatoare, Erlangen, Bavaria, Germania

perioada Mai 2015 - Iun 2015

SICAM PAS Advance Certificate

#### 43. Adrem Engineering

##### Skills:



##### Key words:



##### Descriere job:

Coordonare si supraveghere pe proiecte destinate transportului de gaz natural la nivel national, in domeniul automatizarilor industriale si SCADA.

Mentinerea unei comunicari eficiente cu departamentele interne (juridic, HR, achizitii, logistica, dept tehnic, ofertare, QA/QC, SSM etc) si colaborarea stransa cu partenerii externi (sefi de santier, antreprenor general, subcontractori si furnizori).

Planificarea si supravegherea echipelor implicate, de cele mai multe ori multidisciplinare, formate din ingineri, manageri de lucrari, controlori de documente. Evaluarea necesarului de resurse materiale, financiare si umane pentru derularea contractului/proiectului.

Generarea, urmarirea si actualizarea Graficului de executie GANTT (Microsoft Project), planificarea testelor de fabrica, SAT si PIF in conditiile contractuale.

##### Certificari:

- programare PLC Schneider - avansat, Allen Bradley - mediu
- diploma de electrician in constructii - obtinuta in urma unui curs de 4 luni

#### 44. Conpet SA

##### Abilitati dobandite la locurile de munca



##### Key words:



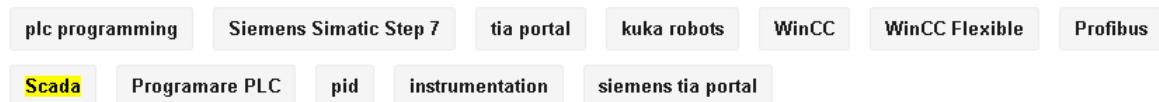


**Descriere job:**

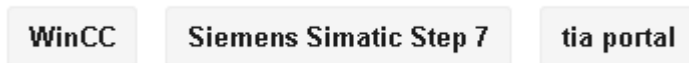
Are atributii in centrul de competenta al urmaririi de implementare proiect, aproba documentatii, participa la testele de fabrica si punere in functiune pentru skidurile de masura titei, pentru prover bi-directional; raspunde de calibrarile initiale si verificarile metrologice conform program; raspunde de aprobarile de model necesare, colaboreaza cu Biroul Roman de Metrologie Legala; docuemnteaza si realizeaza laborator de verificari metrologice. Participa la punerea in functiune din varii locatii, testarea initial, verificarile in bucle, SCADA, teste functionale, instruire operatori. Coordoneaza aprovizionarea in termen cu materialelele si instrumentatia din cadrul proiectului.

**45. Saint Gobain lover**

**Abilitati dobandite la locurile de munca**



**Key words:**



Descriere job: Interventii accidentale si preventive.

**46. Distributie Oltenia**

**Abilitati dobandite la locurile de munca**



**Key words: Instalatii**

**Descriere job:**

Asigurarea exploatarii instalatiilor si echipamentelor electrice precum si a utilitatilor Retelei Electrice de Distributie din statii;  
Efectuarea lucrarii de control periodic/accidental, lucrari operative si interventii accidentale la echipamentele si instalatiile din statie;  
• Efectuarea manevrelor in instalatiile 20 kV, 110 kV la dispozitia dispecerilor;  
• Conducerea vehiculului aflat in dotare pentru indeplinirea sarcinilor de serviciu aferente postului.

#### 47. SC ENERGOBIT SRL

Skills: configurare PLC, HMI

Key words: PLC, WinCC, tia portal

Descrizione job: Configurare si paramentrizare sistemi SCADA in industria energetica

#### 48. Siemens Energy

##### Skills from work experience

Project Planning

Strategic planning

Stress resistance

Communication

Siebel

Salesforce

Servers

Scada

fte

Key words:

Servers

Scada

fte

Descrizione job: Responsible for the end-to-end commissioning and operational readiness of SCADA-level communication networks and components in high-voltage direct current (HVDC) transmission projects.

Oversee installation, configuration, and functional validation of communication cubicles, ensuring successful system power-up and correct operational mode in accordance with project specifications.

Execute and document test protocols for IT security, server infrastructure, time synchronization, system communication gateways, and overall network communication (TCP/IP-based).

Rapidly identify and resolve complex faults in communication infrastructure, including switches, routers, firewalls, and server systems, minimizing system downtime and ensuring stable performance.

Install, configure, and commission various site-based communication devices, contributing to robust and secure data flow across the SCADA network.

Support and adapt HMI concepts to project-specific requirements, ensuring optimal system visualization and operator interaction.

Manage time synchronization and signal conversion across local and remote systems, acting as the key interface between SCADA systems and all external signal suppliers.

## 49. Eximprod Engineering

### Abilitati dobandite la locurile de munca

Automatizari

Instalatii electrice

Inginerie electrica

Key words: scada, fat, adms

Descriere job:

- ❖ Implicare in proiecte de OMS pentru diversi clienti ai companiei prin: sedinte cu clientul pentru stabilirea functionalitatilor de care au nevoie, sedinte de workshop pentru validarea acestora, sesiuni de FAT, testari algoritmi de calcul ai indicatorilor QoS si al rapoartelor in confirmitate cu Ordinul 46/2021, data cleansing si importuri masive de baze de date de clienti si ADMS, validari interfete non-SCADA.
- ❖ Responsabil platforma ADMS pentru unul dintre clienti, realizez troubleshooting pentru problemele aparute la nivel de servere/sistem.
- ❖ Integrari in dispecerat si testare in vederea PIF a instalatiilor (statii, posturi de transformare si echipamente de comutatie).

## 50. SC SAIP Automation International SRL

### Abilitati dobandite la locurile de munca

Programare

WinCC

Scada

sicam pas

toolbox ii

SICAM PQS

DIGSI5

Project management

Lean manufacturing

Team Management

5S

Kaizen

production planning

resources management

Word Excel PowerPoint

administrarea afacerii

Minitab

SPC

MSA

FMEA

tpm

PPAP

8D

Key words:

Programare

WinCC

Scada

sicam pas

toolbox ii

SICAM PQS

DIGSI5

Descriere job:

DESIGN SCADA: Pentru control echipamente din statiile si substationele electrice, inclusiv elemente de retea, relee de protectie, dispozitive cu control de la distanta, PLC-uri si alte dispozitive de masura, control si instrumentatie de proces.

CONFIGURATIA: Intregului sistem SCADA cat si al componentelor individuale, reletelor de comunicatie, conceptului de redundanta si al functiilor necesare.

INTEGRAREA: Sistemelor noi si/sau sistemelor noi in configuratiile existente, a specificatiilor si a interfetelor.

PARAMETRIZAREA: Sistemelor de control, substationilor, releelor de protectie si a dispozitivelor cu control de la distanta.

PROGRAMAREA: Logicilor specific clientilor, a interblocajelor tehnologice, transformatoarelor si modulelor achizitie de date si control.

TESTAREA FUNCTIONALA: Internal acceptance test (IAT), Factory acceptance test (FAT) si Site acceptance test (SAT).

### **Certificari**

IMS auditor

dobandit in Oct 2022

Process Engineer Medium Level

dobandit in Iul 2022

Lean Six Sigma Yellow Belt

dobandit in Iun 2022

## **51. SYSCOM WATER**

### **Abilitati dobandite la locurile de munca**

Inginerie

noile proiecte

**Scada**

facility manager

SAP

Key words: scada

Descriere job:

inginer sef constructii statii de tratare si epuraree apa

-constructia statie de epurare de la Snagov unde am fost direct responsabil

\* constructastatie de tratare apa de la Hydro prahova direct responsabil

\* implementarea solutiilor scada pentru corelarea echipamentelor

## **52. Elsaco Electronic**

### **Abilitati dobandite la locurile de munca**

Comunicare

Coordonare echipa

Managementul echipei

Key words: scada

Descriere job: Conducere echipă ofertare, proiectare și execuție lucrări de automatizări și SCADA in industria utilități apă respectiv centrale electrice și termice