

1. 50 de CVuri

CUM:

PAS 1 - Am intrat pe LinkedIn am cautat pozitia pe care o vreau (SCADA Engineer) si am intrat pe profilul persoanelor care aveau asta, am facut sa la experienta si daca ma compania intram pe ea si faceam pasul 2.

PAS 2 - Intru pe un profil de companie, intru la People cau locatia unde stau (Bucharest/ Bucharest Metropolitan) si la What they do aleg ceva ce descrie rolul (engineering, automation etc.)

2. List de companii care angajeaza automatisti

3. List de skills (ce au facut ei la job)

1.

experience



Scada Engineer

Thales · Full-time

Oct 2020 - Present · 4 yrs 5 mos

Bucureşti, 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 & automation 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 and +2 skills

- **Automation Engineer**

Apr 2008 - Dec 2015 · 7 yrs 9 mos

Bucureşti, România

2.

Experience



Lead Services Specialist

GE Vernova · Full-time

Aug 2024 - Present · 7 mos

Bucharest, Romania · Hybrid



SCADA System Engineer

SII Romania · Full-time

Aug 2019 - Aug 2024 · 5 yrs 1 mo

Bucharest, Romania

❖ Engineering, Problem Solving and +10 skills



Automation Engineer

Adrem Automation

Jul 2014 - Aug 2019 · 5 yrs 2 mos

Bucureşti, România

SCADA Systems and commissioning engineer

❖ Substation, Automation and +19 skills



Automation Engineer

Adrem Invest

May 2009 - Jul 2014 · 5 yrs 3 mos

Bucharest

SCADA Systems and commissioning engineer

❖ Substation, Automation and +17 skills

3.

EXPERIENCE



AVL

Full-time · 2 yrs 9 mos

Bucharest, Romania

- **System Designer PLC**

Apr 2023 - Present · 1 yr 11 mos

- **Commissioning Engineer PLC**

Jun 2022 - Mar 2023 · 10 mos



Automation & Scada Engineer

ASTI Automation · Full-time

Jul 2020 - Jun 2022 · 2 yrs

Bucharest, Romania



Automation & Scada Engineer

Adrem

Oct 2019 - Jul 2020 · 10 mos

Bucharest, Romania



ASTI Automation

3 yrs 3 mos

● Automation Engineer

Aug 2017 - Sep 2019 · 2 yrs 2 mos

Bucharest, Romania

Projects

- Process automation / monitoring: FAT and SAT for SNCR Systems for cement plant, biomass plant, heating plant placed in Denmark, Turkey, England, Spain, Netherlands - FlowVision
 - Process automation / monitoring: Flexible Assembly Line for didactic purpose - ASTI Automation
 - Process automation / monitoring: IFM Sensors Communications System
 - ASTI Automation
 - Process automation / monitoring: Fiscal Metering Point Skid placed in Hurezani - OMV Petrom
 - Process automation / monitoring: Metering Point Skids placed in different extraction areas - Phoenix
- Contact ILC170 PLC and operator panel TP - Visu + - OMV Petrom
- Process automation / monitoring: Replacing a process automation system based on process computer with PLC-S7-300 modular system and WinCC

Exhibitions :

- Hannover Messe 2019
- Hannover Messe 2018
- Hannover Messe 2017
- SPS IPC Drives 2018
- IOT Solutions World Congress Barcelona 2018

● Automation Technician

Sep 2016 - Jul 2017 · 11 mos

Bucharest, Romania

4.



Samson Sorin · 2nd

Network/ Scada commissioning
engineer

Romania · [Contact info](#)

516 followers · 497 connections



Narcisa Groza and Ioana Gurgui are mutual connections



Siemens Energy



University POLITEHNICA of
Bucharest

[Following](#)

[Message](#)

[More](#)

Experience

 **Network commissioning engineer**
Siemens Energy · Full-time
Apr 2024 - Present · 11 mos
Forchheim, Bavaria, Germany

Borwin 5



Scada Engineer

Delgaz Grid · Full-time

Sep 2023 - Apr 2024 · 8 mos

Suceava, Romania

Configuration , parametrization , verification , commissioning , diagnosis and repair of SCADA SAD systems electricity:

- Drawing monofilar diagram in Siemens Spectrum 4.7 / 7 for dispatch center
- Collecting data from protection relays remote for analyze events in the field and compare with SCADA -Good knowledge of transmission protocols IEC 61850 , IEC 60870-5-104 used in energetic industry
- Configuring of switches (CISCO IE2000 , Moxa) and routers , firewall CISCO ISA 3000, NTP GPRS from command line interface or the interface of the equipment
- Good understanding of electrical diagram and electrical protection : distance protection , differential protection lines/transformer and other protection and system automation of the power transformer substation
- Supporting for field technician during maintenance and troubleshooting



Scada Engineer/Protection Engineer

Eximprod · Full-time

May 2021 - Sep 2023 · 2 yrs 5 mos

Bucharest, Romania

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 , Sicam Pas,Cisco RTU

Responsible for the commissioning part of the Allianso electricity distribution power station situated in Aricesti 110/20 kV

❖ Control Systems, Databases and +3 skills

Skills: Control Systems · Databases · Communication Protocols · Protection testing · SCADA



Allianso 110/20 kV



Automation Engineer

JTI (Japan Tobacco International) · Full-time

Dec 2020 - May 2021 · 6 mos

Bucharest, Romania

PLC Programming - Simatic S7 -300



Scada Engineer

Adrem

Jan 2019 - Dec 2020 · 2 yrs

Bucharest, Romania

SCADA oriented projects for EDTS (Electrica Distributie Transilvania company using RTU AI 200 developed by Adrem Engineering .

My main activity was the integration of transformation substations in the IDS SCADA systems .

- Design and implementation of SCADA systems for 6/20 kV substations;
- Implementation of hardware and software configuration for RTU AI200;
- Testing and Commissioning of automation equipments for Electrica Transilvania Sud.
- Electrical engineering for power plants
- Tools used in order to improve my activity: IEC Browser, IEC Tester, Vinci, VMware, Putty, ACOS,

Skills: Control Systems · SCADA



AI200 RTU



Protection Engineer

Monsson · Full-time

Nov 2017 - Jan 2019 · 1 yr 3 mos

Bucharest, Romania

At this company I took care of the test part of the protection relays during the annual maintenance of the HV an MV cells in the electricity distributions stations, analysis of electrical protections operating times and issuance of reports on their functionality.

So far I have gained experience in performing test prophylaxis in the following stations for energy evacuations produced from wind farms of 500 MW of EDPR Romania.

The test part of the protection relays was performed with the current kit Isa Drts 6.

AcSELerator QuickSet, DigsI 4,
GWO Certification

Skills: Control Systems · Protection testing



Wind turbines



Scrisoare de recomandare

Scrisoare de recomandare



400/110kV

Show all 5 media →

5.

EXPERIENCE



SCADA Solution Engineer

Siemens · Full-time

May 2024 - Present · 10 mos

Romania · Remote



HVDC Commissioning Engineer - DC Protection

Siemens Energy · Full-time

Jun 2023 - May 2024 · 1 yr

Forchheim, Bavaria, Germany · On-site

Sunrise Wind HVDC Project

❖ Energy Technology, Simulink and +6 skills



SCADA Engineer

SAiP Automation International · Full-time

Sep 2020 - Jun 2023 · 2 yrs 10 mos

Târgu Mureş, Mureş, Romania

SCADA Commissioning, Engineering, SAT, FAT, etc. for following projects:

1. BARU MARE 220/110/20kV Substation (Romania)
2. AR-RASS 380/132kV Substation, Al-Qassim (Saudi Arabia)
3. DIC-3 115/33kV Substation, Dammam Industrial City (Saudi Arabia)
4. 111 34.5/13.8kV Substation, Yanbu (Saudi Arabia)
5. 11K 115/34.5/13.8kV Substation, Yanbu (Saudi Arabia)
6. GICA Cement Factory Substation, Sigus (Algeria)
7. IAZ 220/110kV Substation (Romania)
8. UGTH Substation, Accra (Ghana)
9. Nova Power&Gas Solar Plant Substation, Campia Turzii (Romania)
10. Tchamma Wind Farm Substation, Calama (Chile)
11. Ungheni 220/110/20kV Substation (Romania)
12. MG-TEC Substation, Dej (Romania)
13. Mintia 400/220/110kV Substation (Romania)

❖ SCADA, WinCC and +19 skills



Letter of recommendation



Internship Trainee

SAiP Automation International · Internship

May 2019 - Feb 2020 · 10 mos

Târgu Mureş, Mureş, Romania · On-site

❖ WinCC, Sicam PAS and +2 skills

6.



Eximprod

Full-time · 1 yr 9 mos

Bucharest, Romania

- **Director Engineering Tendering & High Voltage Division Development**
Jan 2025 - Present · 2 mos
Hybrid
 - **Product Manager - High Voltage**
Jun 2023 - Jan 2025 · 1 yr 8 mos
On-site
-

Product Manager - High Voltage

Hitachi Energy · Full-time

Oct 2021 - Jun 2023 · 1 yr 9 mos

Bucharest, Romania

- Responsible for full Hitachi Energy High Voltage, High Current and LV/MV/HV capacitor banks portfolio within Romania. Accountable for delivering OR budget for all applicable High Voltage Business Unit portfolio, for direct customers and also end-customers;
- Conducting technical trainings for all types of customers;
- Obtains product market share by working with area sales managers to develop product sales strategies.
- Assesses product market data by calling on customers with field sales people and evaluating sales call results.
- Provides information for management by preparing short-term and long-term product sales forecasts and special reports and analyses; answering questions and requests.
- Introduces and markets new products with sales and advertising.
- Determines product pricing by utilizing market research data; reviewing production and sales costs; anticipating volume; costing special and customized orders.
- Liaise with Utilities in order to homologate and have approved High Voltage portfolio, clarify tender specifications;
- Feeding of Market Intelligence;
- Support the business of I&C in Romania in relations with OEM's and final customers;
- Provide a regular forecast on High Voltage OR for Romania;
- Collaborate with Hitachi Energy Sales channels and also 3rd parties on Service projects;
- Create synergies between factories and local FES in order to increase sales volumes;
- Supporting on technical and commercial aspects of offers and projects in close collaboration with direct customers and internal partners;

Skills: Project Planning · High Voltage Engineering · Product Development · Research and Development (R&D) · Product Management · Project Management



Product Manager - High Voltage

Hitachi ABB Power Grids · Full-time

Jul 2020 - Oct 2021 · 1 yr 4 mos

Bucharest, Romania

- Responsible for full Hitachi ABB Power Grids High Voltage, High Current and LV/MV/HV capacitor banks portfolio within Romania.
- Accountable for delivering OR budget for all applicable High Voltage Business Unit portfolio, for direct customers and also end-customers;
- Conducting trainings for all types of customers;
- Obtains product market share by working with area sales managers to develop product sales strategies.
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- Collaborate with Hitachi ABB Power Grids Sales channels and also 3rd parties on Service projects;
- Create synergies between factories and local FES in order to increase sales volumes;
- Supporting on technical and commercial aspects of offers and projects in close collaboration with direct customers and internal partners;

ABB
6 yrs 6 mos

● **Product Manager - High Voltage**

Full-time

Apr 2019 - Jul 2020 · 1 yr 4 mos

Bucharest, Romania

- Responsible for full ABB Power Grids High Voltage, High Current and LV/MV/HV capacitor banks portfolio within Romania. Accountable for delivering OR budget for all applicable High Voltage Business Unit portfolio, for direct customers and also end-customers;
- Conducting technical trainings for all types of customers;
- Obtains product market share by working with area sales managers to develop product sales strategies.
- Assesses product market data by calling on customers with field sales people and evaluating sales call results.
- Provides information for management by preparing short-term and long-term product sales forecasts and special reports and analyses; answering questions and requests.
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- Determines product pricing by utilizing market research data; reviewing production and sales costs; anticipating volume; costing special and customized orders.

- Liaise with Utilities in order to homologate and have approved High Voltage portfolio, clarify tender specifications;
- Feeding of Market Intelligence;
- Support the business of I&C in Romania in relations with OEM's and final customers;
- Provide a regular forecast on High Voltage OR for Romania;
- Collaborate with ABB Power Grids Sales channels and also 3rd parties on Service projects;
- Create synergies between factories and local FES in order to increase sales volumes;
- Supporting on technical and commercial aspects of offers and projects in close collaboration with direct customers and internal partners;

Skills: Project Planning · High Voltage Engineering · Product Development · Research and Development (R&D) · Product Management · Project Management

- **Product Specialist - High Voltage**

Full-time

Nov 2017 - Mar 2019 · 1 yr 5 mos

Bucharest, Romania

Product Specialist - Supports the local Sales organization and customers and prepares technical descriptions of the applied products and technology, in order to support the proposal process. The Product Specialist serves as a key technical resource and key contact with ABB factories in the assigned area. The Product Specialist offers sales support, price list offering, competitive analysis, customer support, product training and support in the product launch.

- **Export Area Sales Manager - High Voltage Circuit Breakers**

Seasonal

Sep 2017 - Nov 2017 · 3 mos

Ludvika, Sweden

Short Term Assignment, part of the Europe export team of High Voltage Circuit Breakers, responsible for Romania

- **Product Specialist - High Voltage**

Full-time

Nov 2015 - Oct 2017 · 2 yrs

Bucharest, Romania

Product Specialis High-Voltage Breakers & Modules:

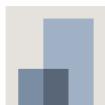
- Configuration of High Voltage Circuit Breakers up to 245kV and preparation of technical and economical documentation for all HV equipments.
- Support business results by overseeing all steps in the product, system or service life cycle including development, launch, maintenance, pricing, and profitability.
- Manage new products/systems/service launch and life cycle from phase-in to phase-out. Coordinate and supervise the product road map. Define and oversee plans as necessary.
- Ensure technical and commercial support to Sales force for critical or special negotiations.
- Work with Research & Development to propose and evaluate product feasibility projects and roadmaps for new products/systems.service and variants.
- Guide, motivate and develop direct and indirect subordinates within HR policies.
- Manage teams with a focus on operational execution; short/medium-term operational/tactical responsibilities. Often the first manager level with full responsibility for human resource planning, selection, development and performance management. Management involves utilizing individual subject matter expertise.

● **Support Engineer**

Feb 2014 - Oct 2015 · 1 yr 9 mos

Bucharest, Romania

- To provide the technical support for the development of sales activities of HV, MV & Transformers Product
- To provide technical support to the Sales Area Managers
- To receive inquiries from Sales Area Managers and promptly prepare & transmit the offers to the customers, on good & professional technical basis, based on specific received information from Sales Engineers (expected market price/ discounts, delivery time technical specifications etc.) & following the next steps:
 1. To evaluate the inquiries from the customers and prepare it technically;
 2. To issue the cost calculations (ABB Calculation Model) and submit them for visas and approval according to Internal Rules;
 3. To issue the offers based on cost calculations and submit them for visas and approval according to Internal Rules.
- To inform Sales Managers regarding to sales negotiation limits.
- To receive customer's order from Sales Area Managers and issue the contract/order confirmation.
- To receive the contract signed from customers or field area sales managers
- To create Sales Order in SAP according to the contractual conditions when the situation impose it
- To provide support for solving the technical complaints from customers, according to the contract or guarantee obligations
- To coordinate the relationship with the ABB manufacturers regarding technical and commercial solution, including prices & delivery time (negotiations), based on solid technical and commercial knowledge



Electric Power Technician

Elmerom S.R.L.

Nov 2011 - Feb 2014 · 2 yrs 4 mos

Drobeta Turnu Severin

-Preparation of the particularised drawings of MV & LV equipments for distribution lines using Autocad.

7.



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.



Automation, Protection & SCADA Engineer

Adrem · Full-time

Jul 2015 - Sep 2020 · 5 yrs 3 mos

Romania

- Configuration, Testing and Commissioning of protection relays for substations (6kV, 20kV and 110kV);
- FAT and SAT preparation and testing of protection relays;
- Responsible for the installation and testing of the following protection relays:
SIEMENS: 7SA86, 7UT85, 7SD86, 7SJ82/85, 6MD85/86, 7SJ66x;
ABB: REL670, RET630/670, REF615/620/630;
AREVA: P139, P442, P643;
Schneider: P543, P435, P643 P132/139;
GE: F650, L90;
- In depth testing of protection relays using Doble F6150 test set, creating test plans and procedures and reports;
- Implementation of SCADA configuration using IEC 61850, IEC 60870-5-103, IEC 60870-5-104 and DNP3 protocols, Modbus;
- In depth experience with using relay logic to implement automations like substation breaker failure schemes, load shedding schemes, automatic switch over schemes, etc;
- In depth knowledge of GOOSE implementation between various protection relay manufacturers;
- Verification of schematic drawings with field wiring and troubleshooting field wiring and schematic drawings errors;
- Commissioning of IDS 650,750 and 850 RTU's;
- Experience with drawing schematics in Eplan;



Automation and Protection Engineer

Electroalfa · Full-time

Aug 2012 - Jul 2015 · 3 yrs

Romania

- Configuration, Testing and Commissioning of protection relays for substations (6kV, 20kV and 110kV);
- Responsible for the installation and testing of the following protection relays:
 - SIEMENS: 7SA63, 7UT63, 7SJ64;
 - ABB: REL670, RET670, REF615/620/630, REF542plus, RET521;
 - AREVA: P139, P442, P643;
 - Woodward: MCA4;
- SCADA configuration using IEC 61850, IEC 60870-5-103 and DNP3 protocols;
- Testing of protection relays using Doble F6150 test set, creating test plans and procedures and reports;
- Verification of schematic drawings with field wiring and troubleshooting field wiring and schematic drawings errors;
- Experience with drawing schematics in AutoCAD;

9.

EXPERIENCE



Control System Design Engineer

Siemens Energy · Full-time

Aug 2023 - Present · 1 yr 7 mos

Bucharest, Romania

- ❖ Distributed Control System (DCS), PCS7 Simatic Manager and +8 skills
-



System Engineer - DCS and SCADA

Yokogawa · Full-time

Sep 2019 - Jul 2023 · 3 yrs 11 mos

Bucharest, Romania

Responsibilities on DCS:

- HMI (Human Machine Interface) Design & Configuration
- FAT (Factory Acceptance Test) on HMI Design, Typicals Design and Verification
- Graphics Link Parts Design & Verification
- Graphics Layout Design
- Control Typicals Specification
- Static/Dynamic Graphic Generation
- Static/Dynamic Graphics Verification

Responsibilities on SCADA:

- FastTools, CI Server - HMI Design and Verification
- FAT (Factory Acceptance Test) & SAT (Site Acceptance Test) on HMI Design, Typicals Design and Verification, Database I/O List
- Stardom
- Typicals Specification
- Import/export Master Tag List Database

- ❖ Distributed Control System (DCS), HMI Configuration and +8 skills



Operator - Internship (Automatic Control Engineering)

Yokogawa · Internship

Jul 2018 - Aug 2018 · 2 mos

Bucuresti

HMI (Human Machine Interface) Design: CentumVP

Use of safety software: ProSafeRS

10.



Yokogawa

10 yrs 3 mos

- **SCADA Senior Engineer**

Jun 2023 - Present · 1 yr 9 mos

- **System Engineer**

Mar 2017 - Jun 2023 · 6 yrs 4 mos

Bucharest, Romania

Responsible for system implementation project modules, observing the time and quality standards set by both the client and the Yokogawa organisation.

DCS, Prosafe RS and/or SCADA design, programming and configuration tasks on the basis of Conceptual Design information while applying company standards.

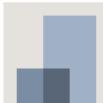
Responsible for designing Prosafe RS and/or DCS hardware configurations, including the design of internal and external interfaces, on the basis of Conceptual Design information.

- **Junior System Engineer**

Dec 2014 - Feb 2017 · 2 yrs 3 mos

11.

Experience



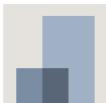
Senior Engineer

Yokogawa Europe B.V.- Romania Branch

Jul 2004 - Present · 20 yrs 8 mos

Bucharest, Romania

- Supervising the project team that implements and tests DCS application software. Acted as a coach for the project engineers to ensure good co-operation within the project team.
- Analyze customer's functional requirements and work with customer's engineers towards appropriate system solutions;
- Plan, organize and monitor the work of the project team and provide feedback to the internal project organization regarding the progress of work. Carry out technical quality checks throughout all project execution phases.
- Implementation of complex process control applications using Yokogawa's DCS system on basis of P&ID's, Control Narratives and Instrument Databases. Set standards and guide a team to implement complex application software.
- Analyze customer's functional requirements for complex control, sequences and batch. Design and implement suitable DCS application software. Discuss, test and finalize solutions together with customer's engineers.
- Review check and monitor customer's deliverables.
- Co-ordinate internal tests and Factory Acceptance Tests (FAT) activities.



Software Engineer

IPA SA

Jul 1995 - Jun 2004 · 9 yrs

Bucharest, Romania

As "Software Engineer" I have programmed and commissioned various automation systems using different control systems (DCS/PLC; YOKOGAWA CS1000/CS3000, ABB ADVANT/ Siemens, GE Fanuc, Moeller, Mitsubishi). The main contracts have been focused on automation of the "oil and gas" and Power Plant industry; I've been involved in various research projects financed by the Government through internal research programs.

12.

Experience



Yokogawa

13 yrs 4 mos

- **System Engineer Team Lead**

Jan 2016 - Present · 9 yrs 2 mos

Projects:

- Basell Power Plant and Basell OUW (End-User: Lyondell Basell Industries)
 - HMI Migration from Siemens system to Yokogawa System CENTUM VP R6, HMI Library Development, Test Graphic Typicals, HMI Static and Dynamic Implementation, HMI Documentation Development.
 - Coordination the project team, Activities organizer on the project, Distribution of the activities to the team members, Report the Progress to Project Manager, Communication with Yokogawa Germany Office.

- **DCS Application Enginner Team Lead**

Apr 2015 - Dec 2015 · 9 mos

Projects:

-Chemtec (Pharma Plant; End-User:Sanofi Aventis) –HMI Migration from Yokogawa System CENTUM CS3000 to Yokogawa CENTUM VP R6 , HMI Library Development, Test Graphic Typicals, HMI Documentation Development, Design Typical Graphic Elements, Internal Test, F.A.T.

-Merck (Pharma Plant; End-User: Merck Serono) – HMI Migration from Yokogawa System CENTUM VP R4 to Yokogawa CENTUM VP R6, HMI Documentation Development.

-Elquim Cuba – HMI Static and Dynamic Implementation, HMI Library Development, Test Graphic Typicals, DCS Software Typical Test, Design Typical Graphic Elements;

Locations: Mainz (Germany), Ratingen (Germany), Bucharest (Romania).

-Coordination the project team, Activities organizer on the project, Distribution of the activities to the team members, Report the Progress to Project Manager, Communication with Yokogawa Germany Office.

- **DCS Application Engineer Team Lead**
Oct 2013 - Mar 2015 · 1 yr 6 mos

Project CFI
End-User: Canadian Fertilizer Industries (CFI)
This project was structured in seven parts for two locations of the end-user (Port Neal plant and Donaldsonville plant in USA):

-Offsite&Utilities, Urea, UAN, Ammonia – Donaldsonville Plant, USA;
-Offsite&Utilities, Urea,Ammonia – Port Neal Plant, USA;

Responsabilities: HMI Static and Dynamic Implementation, HMI Library Development, HMI Documentation, DCS Software Test, Design Typical Graphic Elements, Configuration and Programming, Test Graphic Typicals, Internal Test, F.A.T., F.A.T. Documentation;

Locations: Ratingen (Germany) and Bucharest (Romania);

-Coordination the project team, Activities organizer on the project, Distribution of the activities to the team members, Report the Progress to Project Manager, Communication with Yokogawa Germany Office.

- **DCS Application Engineer Team Lead**

Jan 2013 - Sep 2013 · 9 mos

Projects:

-Lantus (Pharma Plant; End-User: Sanofi Aventis) –HMI Migration from Yokogawa System CENTUM CS3000 to Yokogawa CENTUM VP R5, HMI Library Development, Test Graphic Typicals, HMI Documentation Development, Design Typical Graphic Elements, Internal Test, F.A.T.;

-CAFC 2 – Test Safety Graphics using ProSafe RS, Configuration and Programming;

-Lysekil (End-User: Skangaas) – HMI Static and Dynamic Graphics Implementation, HMI Library Development, Test Graphics Typicals, Internal Test;

-Marl RevUP – HMI Migration from Yokogawa System CENTUM CS3000 to Yokogawa CENTUM VP R5, HMI Library Development, Test Graphic Typicals, DCS Software Test, Internal Test;

-Akzo MEP (End-User: Akzo Nobel) – HMI Static and Dynamic Implementation, HMI Library Development, Design and Test Graphic Typicals, Internal Test, HMI Documentation Development;

- Wytch Farm – HMI Migration from Yokogawa CENTUM CS3000 to Yokogawa CENTUM VP R5, HMI Documentation Development, HMI Static and Dynamic Implementation, Design and Test Graphic Typicals, Internal Test;

Locations: Bucharest (Romania), Mainz (Germany) and Marl (Germany);

-Coordination the project team, Activities organizer on the project,
Distribution of the activities to the team members, Report the Progress
to Project Manager, Communication with Yokogawa Germany and
Yokogawa UK Offices.

- **DCS Application Engineer**

● **DCS Application Engineer**

Nov 2011 - Dec 2012 · 1 yr 2 mos

Projects:

-IKRA (End-User: RusVynil) – HMI Static and Dynamic Implementation, Configuration and Programming, Test Graphic Typicals, DCS Software Test, Internal Test;

-Air Liquid (End-User: Air Liquid) – HMI Migration from Yokogawa System CENTUM CS3000 to Yokogawa CENTUM VP R5, HMI Library Development, Test Graphic Typicals, Internal Test;

-N3 Pharma (Pharma Plant; End-User: N3Pharma) – HMI Static and Dynamic Implementation, HMI Library Development, Test Graphic Typicals, DCS Software Test, Configuration and Programming, HMI Documentation Development, Internal Test;

-MIP Plant (Pharma Plant; End-User: Sanofi Aventis) - HMI Migration from Yokogawa System CENTUM CS3000 to Yokogawa CENTUM VP R5, HMI Library Development, Test Graphic Typicals, HMI Documentation Development, Design Typical Graphic Elements, Internal Test, F.A.T;

-EHC – HMI Static and Dynamic Implementation, DCS Software Test, HMI Documentation Development, Design and Test Graphic Typicals, Internal Test;

Locations: Mainz (Germany), Ratingen (Germany) and Bucharest (Romania)



Summer Internship

Yokogawa

Jul 2010 - Oct 2010 · 4 mos

Project:

Tobolsk – HMI Static and Dynamic Implementation.

13.



Yokogawa

12 yrs 5 mos

- **Senior Safety Commissioning Engineer - Shell Whale Project - Off-Shore**

Full-time

Mar 2024 - Present · 1 yr

Houston, Texas, United States · On-site

Skills: Project Commissioning · Pre-commissioning · Management of Change (MOC) · Safety Instrumented Systems

- **Senior Safety Engineer**

Full-time

Apr 2019 - Present · 5 yrs 11 mos

Bucharest, Romania

Skills: Technical Discussions · Team Coordination · DDS · Customer Interaction · Detailed Design · Project Design · Design Specifications · Project Implementation · Human Machine Interface · FDS

- **Hardware Engineer**

Sep 2022 - Dec 2022 · 4 mos

Beveren, Flemish Region, Belgium · On-site

DCS loop-check, marshalling cabinet troubleshoot, modification and cabinet wiring changes

Skills: Technical Discussions · Customer Interaction · Design Specifications

● Senior Safety Commissioning Engineer

Jun 2022 - Jul 2022 · 2 mos

Medicine Hat, Alberta, Canada · On-site

2 boilers commissioning

Activities involved:

- Loop-check
- Functional test
- Boilers Start-up

Skills: Technical Discussions · Team Coordination · DDS · Management of Change (MOC) · Customer Interaction · Detailed Design · Project Design · Project Leadership · Design Specifications · Project Implementation · Human Machine Interface · FDS

● Senior Safety Commissioning Engineer - ZCINA Project

Jan 2022 - May 2022 · 5 mos

Hassi Messaoud, Algeria

4th train commissioning, loop-check start-up and integration in the existing running plant

Skills: Technical Discussions · Management of Change (MOC) · Customer Interaction · Design Specifications · Human Machine Interface

- **Senior Safety Engineer - Nizhnekamsk Project**

Nov 2019 - Dec 2021 · 2 yrs 2 mos

Bucharest, Romania

- FGS Lead engineer coordinator for external engineering team
- Technical expertise/advise during remote FAT period
- Basic design, Document/Application review
- Remote FGS FAT Leader and supervision/assistance of the teams involved in the FGS FAT
- Document creation according with Project Document List

Skills: Technical Discussions · Team Leadership · Internal test, FAT planning · Team Coordination · DDS · Management of Change (MOC) · Customer Interaction · Detailed Design · Project Design · Project Leadership · Communication · Design Specifications · Project Implementation · Human Machine Interface · FDS

- **Commissioning Safety Engineer - ZapSib-2 ECU Project**

Aug 2018 - Nov 2019 · 1 yr 4 mos

Tobolsk, Russia

- Document generation
- Configuration and programming activities based on C&E Diagrams, FLD and Narratives
- Internal Test activities
- FAT activities
- Between August 2018 – October 2019 – Commissioning activities in ZapSib site – location Tobolsk, Tyumen Area, Siberia: loop check, functional test, furnaces commissioning

Skills: Technical Discussions · Team Coordination · DDS · Management of Change (MOC) · Customer Interaction · Detailed Design · Project Design · Project Leadership · Design Specifications · Project Implementation · Human Machine Interface · FDS

- **Safety Engineer**

Oct 2012 - Apr 2019 · 6 yrs 7 mos

Bucharest, Romania

Skills: Technical Discussions · Customer Interaction · Design Specifications · Human Machine Interface · FDS

- **Commissioning Safety Engineer**

Aug 2014 - Mar 2015 · 8 mos

Norg, Drenthe Province, Netherlands

- ProSafe-RS configuration
- Configuration and programming activities based on C&E Diagrams, FLD and Narratives
- Internal tests activities based on C&E diagrams, FLD and Narratives
- FAT activities
- Between July 2014 and December 2014 - commissioning activities on NAM Site – location Langelo, Norg Area: loop check, functional test
- Between August 2015 and February 2016 – commissioning activities on NAM Site – location Langelo, Norg Area: loop check, PRM configuration, Functional Test;

Skills: Technical Discussions · Management of Change (MOC) · Customer Interaction · Project Design · Design Specifications · Project Implementation · Human Machine Interface · FDS

14.

EXPERIENCE



Engineer

Yokogawa

Jun 2019 - Present · 5 yrs 9 mos

Bucharest, Romania



Project Engineer

Emerson Automation Solutions

Jun 2018 - Jun 2019 · 1 yr 1 mo

Cluj County, Romania



Yokogawa

11 yrs

Bucharest, Romania

● **System Engineer**

Dec 2009 - Jun 2018 · 8 yrs 7 mos

System Engineer

- programming and configuration of the functional logic diagrams, simple and complex loops
- design of GUI (process, Cause&Effect, Fire and Gas System graphics) according to P&ID's, control narratives and project requirements
- design, implementation, correction and test of the graphic typical linked parts
- generation of hardware signals with yGet
- Data Base activities (yGet)
- implementation of the communication between DCS and IPS
- implementation of the MODBUS communication
- integrated test with Triconex safety system during FAT
- implementation and verification with Shutdown Viewer of the new added and existing tags
- migration and GUI correction from different versions of Centum
- performing Internal Test and Factory Acceptance Test
- support for implementation and test in YEF Office from Netherlands, France, Germany

Site activities:

- assistance for DCS activities for NAM GLT in Netherlands (2014)

- **Lead Engineer**

Aug 2016 - Feb 2018 · 1 yr 7 mos

Lead Engineer

- study the input documents and keeping the record of the received / updated documents
- prepare the Functional Design Specification, Test Procedure documents and all the official documents related to the HMI part
- maintaining the communication with Customer in daily / weekly meetings
- coordination and distribution of the activities for the HMI team
- keeping daily and weekly progress report of the team work
- checking the quality of the implemented GUI displays by HMI team
- coordination of the HMI team during the Internal Test and Factory Acceptance Test

- **Junior System Engineer**

Jul 2007 - Dec 2009 · 2 yrs 6 mos

Jr. System Engineer

- design, implementation and test of the graphic typical library
- design of static and dynamic electrical GUI according to P&ID's
- preparing the static and dynamic design of the operator GUI
- implementation of the Trend graphics
- implementation of the links for dynamic elements of operator GUI
- configuration of the simple loops
- performing Internal Test and Factory Acceptance Test
- SCADA design of static and dynamic process GUI according to P&ID's, data base and project requirements.
- test support in YEF Netherlands Office

Experience



System Software Engineer

Yokogawa

Dec 2011 - Present · 13 yrs 3 mos

Bucureşti, România

Department: Distributed Control Systems (DCS);

Responsibilities: Carrying out DCS design, programming and configuration tasks on the basis of conceptual design information while applying company standards;

Responsible for system implementation project modules, observing the time and quality standards set by the client and the Yokogawa organisation;

Static and dynamic HMI graphics development;

Design of hardware and software configurations;

Implementation of modifications and "as-built" processing;

Compilation of customer and internal documentation;

Conducting and supporting testing activities;

Factory Acceptance Tests (FAT);

DCS Control Loops Tests;

Performing site activities (loop check, commissioning and start-up activities).



Technical Trainee

Michelin

Jul 2011 - Sep 2011 · 3 mos

Floresti, Romania

Department: Quality Guarantee;

Responsibilities: Designing and implementing a database for managing nonconformities (NC2, NC3) from quality department;

Used software: Microsoft Excel, Visual Basic Application.



Technical Trainee

Michelin

Jul 2010 - Sep 2010 · 3 mos

Floresti, Prahova

Department: Vulcanization;

Responsibilities: Designing and implementing a database for managing daily, monthly and annual situations about tire scrap;

Used software: Microsoft Excel, Visual Basic Application.

16.



Software Project Engineer

GE Digital · Full-time

May 2022 - Present · 2 yrs 10 mos

Estimator Engineer

Honeywell

Honeywell · Full-time

Nov 2021 - May 2022 · 7 mos

Bucharest, Bucharest, Romania



Scada Engineer

Eximprod

Aug 2018 - Nov 2021 · 3 yrs 4 mos

Bucuresti, Romania

- SCADA system configuration, Up and Down communication, Efacec UC 500 platform;
- SCADA system configuration at CC level;
- Scada configuration for dispatch (Scatex platform);
- Scada configuration for dispatch (Spectrum platform);
- SCADA system communication networks, communication, protocols used: TCP/IP, IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus
 - mapping HV/MV Substation networks;
 - commissioning tests for HV/MV Substations, Distribution Substations and mount on equipements(reclosers and switches);
 - involvement in numerous on-site SCADA works, responsable with configuration of the RTU database, HMI database and synoptic

EXPERIENCE



Scada Engineer

Deep Fork Automation · Full-time

Jul 2022 - Present · 2 yrs 8 mos

Oklahoma City, Oklahoma, United States · Remote



Software Engineer

MDEventures · Freelance

Apr 2019 - Present · 5 yrs 11 mos

Germany

A freelance software engineer in charge of automating tasks for data gathering and collection using python selenium and running them remotely and scheduling the tasks to run through pythonanywhere services. Also have experience in web development using django web framework. Regularly monitors mySQL databases for daily data.



Associate Software Engineer

Accenture

Jul 2017 - Jul 2018 · 1 yr 1 mo

Philippines

Worked as a data analyst in a project developing a search engine. Tasks include analyzing set of keywords and search terms used in the web app. Visualizing data through a dashboard using the app Qlik Sense and Kibana. Provides insights to developers on how to improve and optimize search results through provided analysis of daily data.



systems engineer

taiyo yuden (philippines) inc

Nov 2014 - Nov 2016 · 2 yrs 1 mo

Experience



SCADA systems engineer

Thales Systems Romania

Jan 2018 - Present · 7 yrs 2 mos



Software Integration Engineer

GE Power

Apr 2017 - Dec 2017 · 9 mos

Bucharest



Automation Engineer

Adrem Engineering

Sep 2008 - Apr 2017 · 8 yrs 8 mos

Bucharest, Romania

SCADA oriented projects for EDTS (Electrica Distributie Transilvania Sud) company using automation solutions from IDS GmbH. I also had a contribution in other large SCADA projects for companies like "Transgaz Romania", "RADET Bucharest" and "Romgaz".

Main skills and experience:

- Hands-on experience with large SCADA systems from top to bottom
- Hands-on and coordination experience on commissioning almost 500 MV transforming stations and 45 HV substations
- Strong knowledge of electric grid operation
- Knowledge of electric dispatching workflow and procedures
- End-user and customer collaboration and negotiation skills
- Strong knowledge of energy industry protocols with bit level troubleshooting skills for IEC60870-5 suite, IEC61850 and Modbus
- TCP/IP networking experience: switching, routing, firewalls
- Knowledge of OT security requirements and trends
- Strong VBA scripting skills and C, C++ and SQL.
- PLC programming



PLC Test Engineer

Luxoft · Full-time

Jan 2019 - Present · 6 yrs 2 mos

Bucureşti, România

Testing IO-Link products

Designing Test Cases based on product specification, their implementation and execution

Developing PLC programs

Analyzing test results and working closely with developers for troubleshooting

Attending regular meetings with the management and the clients in order to improve the project



Scada Engineer

Yokogawa

Mar 2017 - Dec 2018 · 1 yr 10 mos

Bucharest, Romania

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.



Broadcast Engineer

Ericsson

Mar 2016 - Mar 2017 · 1 yr 1 mo

București, România

Ensure performance specifications are met and maintain the technical standards and parameters of the equipment and systems within their care. This will include ensuring that approved change controlled modifications are carried out as required.

- Prioritize work taking into account service level agreements with stakeholders/customers and transmission requirements, seeking guidance from 2nd Line Team Leaders and Principal Engineers during demanding times.
- Maintain comprehensive records and logs of work done using Symbox, on the installation, modification and repair of systems, following appropriate change control for all non-break/fix planned work.
- Carry out routine maintenance work as defined and agreed with the Team Leader or Principal Engineers.
- Critically assess technical quality and performance, extracting and analyzing system logs where available and escalating to Team Leaders or Principal Engineers to progress where necessary.
- Identify trends and escalate to Principal Engineers for root cause analysis and resolution.
- Identify potential system failures and weaknesses and proactively advise management, giving recommendation for course of action.
- Devise ways of achieving the needs of the operation by means of technical innovation and development.

Service Management:

- Create and update Incident and Problem records in the Service Management tool (Symbox) ensuring accuracy and data quality at all times.
- Respond to customer incidents and alerts generated by monitoring systems. Proactively diagnose and resolve issues with the supported systems within agreed SLAs.

- Work closely with operational and business staff and other departments to ensure that service delivery needs are effectively and efficiently met.



IT Infrastructure Engineer

Huawei Technologies

Mar 2015 - Mar 2016 · 1 yr 1 mo

Ensure the infrastructure equipments operate effectively on a day to day basis

Responsibility for day to day operational activities such as backups, Unix admin, database admin, data dump and preventive maintenance

Proactively monitor infrastructure systems to prevent failure

Identify single points of failure and recovery plans

Support the configuration and set-up of new infrastructure equipments

Suggest and make improvements to the infrastructure operating environment for performance improvements

Ensure IT asset management, including maintenance of component inventory and related documentation is up to date



Scada Engineer

Adrem Invest

Aug 2012 - Nov 2014 · 2 yrs 4 mos

Development of the PLC/HMI according to the requests of the clients;
Design, implementation, configuration and test of applications for the SCADA systems;
Ensure that the work on the Field is performed safely And according to the required standards;
SCADA system administration(software management), troubleshooting and maintenance ;
Network implementation and management;
Analyze, troubleshoot and solve network issues;
Configuration of servers and workstations;
Attend regular meetings with the management and the clients in order to improve the project;
Handle operating manual and provide instructions to all users;
Delivery of projects to meet budget timescale, quality and performance targets;

20.



Scada Engineer

BARTEC

Aug 2024 - Present · 7 mos

Bucureşti, 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); DigiSi (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 yrs 1 mo

Bucureşti, România

- 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 HMIs related to transformer panels and electrical substations



Engineer

CNAIR (CNADNR)

Oct 2019 - Jul 2022 · 2 yrs 10 mos

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 · Full-time

May 2018 - Oct 2019 · 1 yr 6 mos

Bucharest, Romania

- 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;

IMSAT | SNEF

Design Engineer - Fire detection, access control, burglar alarm systems

IMSAT S.A.

Nov 2016 - May 2018 · 1 yr 7 mos

Bucharest, Romania

- 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

Experience



System Engineering Leader

Renault · Full-time

Jun 2018 - Present · 6 yrs 9 mos

Bucharest, Romania

Engineering:

- o 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 (HandsFree Parking)
- o 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).
- o System Validation and management of specifications

Project management:

- o Coordination with suppliers in order to ensure compliance of deadlines and allocated budget.
- o Coordinating the work group, analyzing the results, identifying the hard points and proposing solutions

 **Teamwork, Project Management and +1 skill**



Energy Engineer

ROENER ENERGYPRO · Full-time

May 2017 - May 2020 · 3 yrs 1 mo

Bucharest, Romania

- Conduct energetic 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.

❖ Communication



Saipem

Full-time · 2 yrs 3 mos

● Instrumentation/Telecom Supervisor

Apr 2015 - Nov 2016 · 1 yr 8 mos

Kuwait

BS-171 Project:

- Maintain regular contact with the site manager and company personnel to ensure compatibility, aims and objectives on a regular basis
- Oversee 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, PIDS

❖ Teamwork and Communication

- **Instrumentation/Telecom Supervisor**

Sep 2014 - Mar 2015 · 7 mos

Abu Dhabi, United Arab Emirates

Shah Gas Project:

- 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

❖ Teamwork and Communication



Automation Engineer

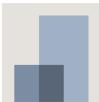
Honeywell · Full-time

Mar 2014 - Jun 2014 · 4 mos

Bucharest, Romania

- Design of automation system architecture
- Back office support to Account Manager

❖ Teamwork and Communication



DCS/SCADA Engineer

HERBING · Full-time

Nov 2012 - Feb 2014 · 1 yr 4 mos

Bucharest, Romania

Analyze 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 Centres

- 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 CFRElectrification



Project Engineer I

Honeywell · Full-time

Mar 2022 - Present · 3 yrs

Bucharest, Romania · Hybrid

Successfully executed projects in diverse industries and locations, including Finland and the Sahara Desert, as a software developer for Automatic Control Applications.

Conducted thorough document checks to ensure consistency and accuracy, maintaining high-quality standards throughout the project lifecycle.

Developed and tested logical solutions, leveraging expertise in engineering and software development to meet project requirements effectively.

Facilitated technical and alignment meetings with clients and front offices, effectively communicating project progress and addressing any concerns or issues.

Managed third-party contractors on-site, ensuring smooth coordination and timely completion of project tasks.

Proactively identified opportunities for improvement to meet key performance indicators (KPIs), enhancing project efficiency and client satisfaction.

Provided training and mentorship to new colleagues, fostering a culture of knowledge sharing and continuous learning.

Conducted factory acceptance tests, collaborating with clients to ensure the successful live testing of systems before shipping to the designated location.

Led site acceptance tests, overseeing live testing in the project location to ensure seamless implementation and functionality.

Demonstrated proficiency in engineering disciplines such as DCS, BMS, SCADA, PLC, and networking, contributing to the successful execution of projects in power plants and factories.

Maintained clear and concise documentation, facilitating effective communication and knowledge transfer among team members. Consistently met project deadlines and deliverables, ensuring client satisfaction and project success.

❖ Object-Oriented Programming (OOP), Programming and +13 skills

Power Systems Engineer

isat

Camusat

Nov 2021 - Jan 2022 · 3 mos

❖ Communication, Multi-disciplinary Teams and +10 skills



Automation Engineer

Automatica SA

Aug 2021 - Nov 2021 · 4 mos

Bucharest, Romania

❖ Communication, Computer-Aided Design (CAD) and +6 skills



Lead Generation

PayU · Full-time

Dec 2019 - Jul 2020 · 8 mos

Bucuresti, Romania

❖ Communication, Multi-disciplinary Teams and +5 skills

23.

Experience

Honeywell

Project Engineer

Honeywell · Full-time

Nov 2018 - Present · 6 yrs 4 mos

Bucharest, Romania · Hybrid

- Standards & Quality Compliance: Execute project assignments to meet appropriate quality systems and contract standards, ensuring comprehensive implementation, testing procedures, and documentation.
- Design & Documentation: Create Detailed Design Specifications (DDS) along with Factory Acceptance Test (FAT) and Site Acceptance Test (SAT) procedures, ensuring alignment with project and client expectations.
- Client Interaction & Requirement Definition: Engage directly with clients in meetings and workshops to define project requirements, confirm deliverables, and resolve technical issues, supporting high-quality customer satisfaction.
- Commissioning & Start-Up: Participate in FAT, SAT, commissioning, and start-up processes, with hands-on involvement in testing and system validation to guarantee full system functionality.
- Cross-Functional Collaboration: Coordinate with multidisciplinary engineering teams on complex automation projects to integrate and optimize design solutions.
- Technical Leadership: Mentor and technically guide junior engineers, fostering skill development and ensuring team adherence to best practices.
- HMI & Productivity Tools Development: Design and build custom HMI shapes and faceplate libraries using VBScript, JScript, and CSS; develop user-friendly HMI graphics tailored for operational efficiency. Additionally, create productivity-enhancing tools in Excel VBA to streamline workflow processes.

⚡ HMI Programming, Safeview and +33 skills



Intern

ISPE - Institute for Studies and Power Engineering

Jun 2015 - Sep 2015 · 4 mos

Bucharest, Romania

24.

Experience

Honeywell

Advanced Application Engineer

Honeywell

May 2021 - Present · 3 yrs 10 mos

Bucharest, Romania · Hybrid

I am responsible for Honeywell Alarm Management integration and implementation consisting of DynAMo Metrics and Reporting (HAM Reporting) and DynAMo Documentation and Enforcement (HAM Documentation) providing:

- Technical support on Honeywell Advanced Solutions software products;
- Integration of Honeywell Advanced Solutions software products on different projects (Onsite/Remote) in accordance with Purdue Model;
- Complete Alarm Management installation and environment setup in accordance with project specifications;
- Administration, Installation and Configuration of Windows Server Environment;
- Understanding complex process industrial systems;
- TCP/IP network administration and configuration;
- Implementation on both virtual and physically environment;
- Elaboration of Functional Design Specifications and all the specific documents. (FDS, DDS, FAT, SAT);
- Reports, presentations, project technical documentations;
- Hosting Automation College Trainings to Honeywell customers for Alarm Management products;
- Commissioning for Alarm Management software in customer's sites;
- OPC, ODBC, SQL Server technology integration;
- MS SQL Database implementation and administration;
- Both onsite and remote support;
- Ability to work effectively in a multidisciplinary and multicultural environment with demonstrated strong communication and interpersonal skills.



Oracle

Full-time · 3 yrs 8 mos

Bucharest, Romania

helped me get this job

- **OCI Technical Support Engineer**

Nov 2020 - May 2021 · 7 mos

- Provide high quality, responsive support to Oracle's customers and Cloud CSM teams globally
- Work together with other, Support and Development teams to ensure coordination for cloud services and cloud infrastructures SaaS, PaaS and IaaS using knowledge of SQL, Jira, Oracle technologies.
- Follow the status of a problem ticket and make sure that assigned ones are updated
- Identify and manage customer expectations as required.
- Identify tasks requested by the customer that do not fit in the maintenance scope and initiate change requests accordingly
- Keep all stakeholders informed of progress and/or issues
- Gather the necessary information for the Sustaining Support teams to resolve a problem
- Enable the smooth and efficient processing and management of Cloud transactions as they progress through the stages of the end to end sales and customer use processes

- **Technical Support Engineer**

Oct 2017 - Oct 2020 · 3 yrs 1 mo

As part of the EMEA team I am responsible for providing support for the Mainframe software. I handle Service Requests related to Mainframe issues, covering issues encountered within the HSC (Host Software Component), SMC (Storage Management Component), VTCS (Virtual Tape Control System). All these utilities are part of the Enterprise Library Software (ELS) that Oracle uses to create, configure, manage and maintain a Tape Storage Infrastructure.

The main responsibilities of this role are to:

- Read JCL and restart or resubmit jobs as per Service Request purpose
- Monitor and perform recovery processes as required
- Analyze the logs, find the root cause of any issue which may occur
- Recommend temporary/permanent solutions to production processing errors and enhance system performance
- Deliver the best solution/action plan to the customers
- Create work instructions about newly encountered issues (Knowledge articles)
- Collaborate with senior engineers and product development team

I am also providing guidance towards resolution for tape devices issues:

- Tape libraries SL8500, SL3000 SL500, SL150, SL24/SL48
- Tape drives from StorageTek/Sun T9x40,T10kA/B/C/D and LTO drives from IBM, HP, Quantum
- Tape drives attached to servers /rackmounted/desktop tape drives
- Transport technologies such as Fibre Channel, SCSI, ESCON, FICON, SAS (Serial Attached SCSI)
- Providing support (installation, upgrades, recommended maintenance and use of Oracle products, troubleshooting) via remote connectivity for these equipments
- Offering support to field engineers

My tasks consist of analyzing device file logs from hardware perspective, checking the libraries logs, drive dumps, snapshots , server explorers and backup application log files in order to identify potential connection issues in HBA's and SAN switches, configuration under different operating systems (Windows, Linux, Solaris) or different backup software applications including Symantec Netbackup, BackupExec, Commvault or DIVA



Honeywell Oil & Gas

3 yrs 4 mos

Bucharest, Romania

- **Technical Sales Support Engineer**

May 2016 - Oct 2017 · 1 yr 6 mos

Responsible for providing support to the sales channels (direct and representative), pre-sales, postsales and basic technical and commercial assistance. This includes:

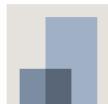
- Identify customer needs as per RFQ and match them with the company's product solutions.
- Answer inquiries concerning Gas products, pricing, delivery and applications
- Be responsible for multiple product line inquiries.
- Check the purchase orders from technical perspective.
- Identify and be familiar with customers' purchasing processes and procedures, including engineering methods and quality systems requirements.
- Lead the customer through the sizing and selection process to choose equipment that will meet their needs and Advise customers on features and benefits of Honeywell products instead of competitor's products
- Follow-up with customers, answer any questions, and identify when an order will be placed.



- **Estimation Engineer**

Jul 2014 - May 2016 · 1 yr 11 mos

- Interpret customer's RFQ and project specifications for DCS, SCADA and Safety Systems.
- Design of technical solutions and generate technical and commercial proposals for customers from the Oil &Gas, Power, P3, Chemical, Petrochemical industries and Pulp and Paper area;
- Matching technical knowledge and Honeywell ACS-HPS technologies in order to give the most efficient technical and economic solutions;
- Participate in customer meetings for solution presentation or technical clarification



System Engineer

S_ind Process Control

Jun 2013 - Jun 2014 · 1 yr 1 mo

Bucharest, Romania

- Develop Supervisory Control And Data Acquisition (SCADA) and Human Machine Interface (HMI) software applications consisting of: process control logic and interface screens for synoptic panels.
- Design industrial networks based on: Ethernet, ProfiBus, ModBus.
- Create electrical schemas and drawings in AutoCad based on electrical panels and field components on site - As Built Phase
- Support during commissioning phases
- Sensors and monitors calibration



Honeywell

13 yrs

- **Engineering Project Lead**

Full-time

Sep 2020 - Present · 4 yrs 6 mos

Bucharest, Romania

Skills: Oil & Gas Industry · Project Leadership · Project Commissioning · Subsea Engineering

- **Advanced Project Engineer**

Full-time

Dec 2019 - Sep 2020 · 10 mos

Bucharest Metropolitan Area

Skills: Oil & Gas Industry · Project Leadership · Project Commissioning · Subsea Engineering

- **Senior Design and Development Engineer**

Apr 2017 - Dec 2019 · 2 yrs 9 mos

Bucharest

Skills: Oil & Gas Industry · Project Leadership · Project Commissioning · Subsea Engineering

- **Senior Design Engineer**

Full-time

Sep 2015 - Apr 2017 · 1 yr 8 mos

Bucharest, Romania

Skills: Oil & Gas Industry · Project Leadership · Project Commissioning · Subsea Engineering

- **Design Engineer**

Full-time

Mar 2012 - Sep 2015 · 3 yrs 7 mos

Bucharest, Romania

Skills: Oil & Gas Industry



Automation Engineer

ELECTROTEHNICA ECHIPAMENTE ELECTRICE SRL · Full-time

Oct 2009 - Mar 2012 · 2 yrs 6 mos

Bucharest, Romania

Responsible for design and implementation of Automation Projects in Power and Distribution Industry.

Responsible for development of a new equipment - Single phase Rectifier. Programming dsPIC microprocessors, design PCB and draw electric schematics. Prototype testing. Assembly line preparation and coordination.

Experience



Honeywell

9 yrs 5 mos

- **Advanced Field Service Engineer - Global Engineering Services**

Full-time

Apr 2020 - Present · 4 yrs 11 mos

București, România · Hybrid

Technical Responsibilities (IT-OT)

- Subsystem communication: Modbus, HART, Fieldbus Foundation, including network architecture and IP addressing.
- OPC integration with some of major historian systems (Honeywell PHD, OSIsoft OSI PI, GE Proficy Historian, etc).
- Preventive maintenance.
- Integration between level 2 and level 3 applications with DMZ and corporate solutions.
- Maintenance and support for existing applications/network solutions.
- Honeywell C300/C200/HPM Extensions.
- Process hardware refresh and apps upgrade
- Experion OPM (On Process Migration) with and without hardware refresh.
- SCADA Design & Implementation.
- Loop Check, plant commissioning
- HMI (Shape testing, technical documentation creation, display creation and editing).
- Visio drawings for network/system architecture creation.
- Knowledge sharing sessions with colleagues, customers.
- Creation , review and implementation of internal procedures related to IT operational technology.
- Salesforce/Siebel/SAP account related activities.

Project Management Responsibilities

- Cost estimation.
- Team coordination, technical level.
- Planning activities.
- Strategy development.
- Customer interaction.
- Reports creation and analyze.

▽ **Technical Planning, Communication and +21 skills**

- **Sr. Program/Project Engineer (MES IT-OT, APM)**

Aug 2018 - Apr 2020 · 1 yr 9 mos

Bucharest

IT-OT related activities:

- Integration of Honeywell Field Device Manager (FDM) with APM solution: Unifformance® Asset Sentinel for SMART instrument monitoring (HART & FF).
- Integration of Honeywell Experion PKS (EPKS) with Unifformance® Asset Sentinel for SMART instrument monitoring (HART & FF).
- Installing and configuring Unifformance® Asset Sentinel, Honeywell's newest tool for monitoring different process assets, generating KPIs.
- Integration of Level 3 application with Honeywell PHD, Osisoft OSI PI
- Creating project specific documentation.
- Creating new MATH models for Unifformance® Asset Sentinel.
- Performing Factory and Site acceptance Tests (FAT and SAT) for new projects with Unifformance® Asset Sentinel;
- Creating documentation Functional Design documents (FDS), Detailed Design documents (DDS), Factory and Site acceptance Test procedures(FAT & SAT) and "As-Built" for Projects.

Lead Engineer activities:

- Coordinating the project team to deliver on time.
- Official communication with customers.
- Review and official document submission to the customers via official channels.

❖ **Communication, Interpersonal Communication and +9 skills**

- **MES Senior Engineer ABAM(Alarm Boundary and Asset Management)**

Oct 2015 - Jul 2018 · 2 yrs 10 mos

Bucureşti, România

Lead Engineer for Jazan Refinery & Jazan Integrated Gasification Combined Cycle (Project Implementation)
Installing and configuring Honeywell APM: Unifformance® Asset Sentinel, Honeywell's newest tool for monitoring different assets;
Creating new MATH models for Unifformance® Asset Sentinel;
FAT and SAT for new projects with Unifformance® Asset Sentinel;
Creating documentation FDS, DDS and AS-Built for Projects.



System Engineer DCS

LINDE GAZ, member of The Linde Group

Jun 2014 - Oct 2015 · 1 yr 5 mos

Brazi

Repairs / modifications in DCS (PCS7) after Hydrogen plant commissioning;

PLC(DCS) programming - Siemens Automation Simatic Step 7, TIA Portal, PCS 7, Schneider Electric Concept

Maintenance of process servers, PLC for the Hydrogen Plant;

Diagnose / Changes / Maintenance in Schneider PLC and SCADA (HMI) iFix from GE Fanuc;

Fixes the accidental breakdowns of PLC(Siemens and Schneider Electric) so that the production activity is not affected;

Responsible with CO2 emission certificates;

Drawing up lists for spare parts needed.

👉 Interpersonal Communication, Energy Industry and +3 skills



[HOME | Linde Romania - Gases Divison](#)

Linde produce și distribuie gaze industriale, speciale, alimentare și medicale, produse dedicate sudării,...



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!



Automation Engineer

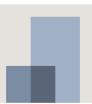
Honeywell · Full-time

Aug 2021 - Present · 3 yrs 7 mos

Bucharest, Romania

DCS Engineer

❖ Process Engineering, Process Control and +4 skills



System Engineer

S-IND Process Control · Full-time

Jan 2019 - Aug 2021 · 2 yrs 8 mos

Calea Grivitei 355-357

At this point I develop applications for different types of PLCs from Siemens and Rockwell and integrate automation solutions including SCADA, HMI Visualization, industrial robots and vision systems for several branches of industry.



Computer Operator

Solid System Solutions · Part-time

Jul 2017 - Sep 2018 · 1 yr 3 mos

Help desk service and network maintenance, providing fast and useful technical assistance on computer systems including remote troubleshooting



Project Engineer

Honeywell · Full-time

Dec 2023 - Present · 1 yr 3 mos

Bucureşti, România · Hybrid



Schlumberger

Full-time · 5 yrs 6 mos

- **Petroleum Engineer**

Apr 2020 - Dec 2023 · 3 yrs 9 mos

România

- Proficient in equipment management, preparation, and mobilization for job assignments.
- Accountable for leading pre-job and post-job meetings, updating operation status, and preparing essential operation documents.
- Skilled in uninstalling or installing ESP type equipment, as well as ensuring its proper start-up, monitoring, and optimization based on customer specifications
- Strong problem-solving abilities to troubleshoot and resolve equipment malfunctions during operation.
- Thorough knowledge of safety regulations and protocols to ensure compliance during equipment mobilization and operation.

⬇ Quality Assurance, SAP Products and +13 skills

- **Electro Mechanical Technician**

Jul 2018 - Apr 2020 · 1 yr 10 mos

Ploiești · On-site

- Proven track record in enhancing assets and minimizing downtime for maintenance-requiring products, while adhering to TLM standards and implementing reliability practices to foster a culture of continuous improvement throughout the repair process.
- Proficient in executing maintenance procedures, conducting testing and quality control of pump components.
- Capable of providing essential support within DIFA.
- Experienced in supervising and managing contractors, as well as overseeing equipment certification within the base
- Excellent organizational and time management skills to effectively prioritize tasks, meet deadlines, and ensure smooth operations.
- Strong communication and interpersonal skills to collaborate with team members, contractors, and stakeholders, fostering effective teamwork and achieving project goals.

▽ 5S, Product Knowledge and +21 skills



Production Operator

Federal-Mogul Motorparts · Full-time

Oct 2016 - Jul 2018 · 1 yr 10 mos

Ploiești, Județul Prahova, România · On-site

- Ensure compliance with safety regulations and procedures in the production area;
- Monitor and analyze production data to identify areas for improvement and implement corrective actions;
- Participate in continuous improvement projects to increase efficiency and reduce waste;
- Maintain accurate production records and reports;
- Collaborate with other departments such as quality control, maintenance, and logistics to ensure smooth production operations;
- Participate in meetings and provide input on production-related issues;
- Assist in the development and implementation of standard operating procedures;
- Conduct regular audits to ensure adherence to quality standards;
- Provide guidance and support to operators in troubleshooting production issues;
- Maintain a clean and organized work area.

▽ 5S, Quality Assurance and +16 skills



Production Operator

SC MetricProd Import-Export SRL · Full-time

Jul 2012 - Oct 2016 · 4 yrs 4 mos

Ploiesti, Județul Prahova, România · On-site

- Conduct regular inspections and audits to identify and address any issues or defects in the production process;
- Collaborate with the technical team to troubleshoot and resolve any technical problems that arise during production;
- Implement corrective actions to prevent future defects and improve overall production quality;
- Ensure that all production equipment and machinery are properly maintained and serviced;
- Monitor and analyze production data to identify areas for improvement and optimize production efficiency;
- Work closely with the quality control team to ensure that products meet the required specifications and standards;
- Maintain accurate records of production activities, including raw material usage, production output, and any defects or issues encountered;
- Collaborate with suppliers to ensure timely delivery of raw materials and resolve any supply chain issues;
- Implement and enforce safety protocols and procedures to ensure a safe working environment for all employees.

⌚ Customer Engagement, Manufacturing Process Improvement and
+3 skills

Experience



Honeywell

Full-time · 3 yrs 11 mos

Bucharest, Romania · Hybrid

Lead Engineer

Dec 2021 - Present · 3 yrs 3 mos

- Leading medium and large projects
- Technical interface with customers:
 - * Kick off meeting
 - * Design Review
 - * Project Review
- Technical interface with 3rd party suppliers
- Project documents:
 - * Technical documents (DDS, FDS)
 - * System Architecture, Cause & Effect
 - * FAT, SAT procedures, etc.
- Responsible for technical scope of assigned projects
- Technical authority of the project
 - * Coordination of disciplines teams
 - * Ensures that required prerequisites are in place
 - * FAT, SAT, commissioning, start-up
 - * Monitors and controls technical project scope against the Project Execution Plan
 - * Site surveys

I have lead the FAT, SAT and commissioning for 3 projects in Sahara (Algeria).

FEED for H2 project.

FEED for Net Zero project.

Site activities for TAR in Petrobrazi refinery.

Different FAT and SAT activities on project request.

Leading back-office teams, coordinating discipline engineers.

❖ Project Engineering, Process Automation and +2 skills

- **Lead Engineer (Contract Service Worker)**

Apr 2021 - Dec 2021 · 9 mos

- Blending and Movement migration process:
 - * HMI displays migration
 - * Internal tests for Movement operations
 - * Internal tests for Blending operations
 - * Internal FAT using VEP platform
 - * FAT at Total Donges Refinery (Donges, France)
- System support at Total Donges Refinery (Donges, France)
 - * Site activities
- French translation for TOTAL Normandie Project:
 - * Technical documents (FDS)
 - * Minutes of meetings, etc.
- Additional tasks required by Global Engineering Department:
 - * French translation for FDS on different projects
 - * French translation for DDS on different projects



Senior System Engineer

Technoelectric · Full-time

Nov 2020 - Apr 2021 · 6 mos

Afumați, Ilfov, Romania · On-site

- Design automation system:
 - * System Architecture
 - * PLC and HMI
 - * Field network, supervising network
- Electrical design of the cabinets (Eplan)
- Supervising the execution of the electrical cabinets
- Inverters VFD settings (Danfoss)
- PLC programming (TIA Portal - Siemens S7 1500)
- HMI Design (WinCC TIA Portal)
- Performing FAT



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)



Honeywell

5 yrs 11 mos

● Advanced System Engineer

Full-time

Dec 2019 - Aug 2020 · 9 mos

Bucharest, Romania

Part of PMC (Process Measurement and Control)

Senior Systems Engineer

Jun 2018 - Dec 2019 · 1 yr 7 mos

Bucharest, Romania

Part of PMC (Process Measurement & Control)

As Senior Systems Engineer in the Skids team (Process Measurement and Control Department) my responsibilities are:

- developing documentation as per projects requirements:
 - * Bill of Materials
 - * Cause & Effect Diagram
 - * Communication Tag List
 - * Functional Design Specification
 - * Flow Control Functional Design Specification
 - * Electrical drawings
 - * Datasheets (PLC, Servers, Printers, etc.)
 - * Hardwire I/O List
 - * Instrument Index
 - * System Architecture
 - * FAT and SAT Procedures
 - * Operating and Maintenance Manual
 - * Support for P&ID design
 - * Cable Schedule
 - * Support for other colleagues related to the electrical, instrumentation and control devices.

- TIR's (Technical Input Requirements)
- Software design, development and implementation
- performing FAT, SAT and Commissioning

Onshore Projects in:

Romania (back-office and site activities in PetroBrazi Refinery)

Germany (BASF Petrochemistry, 6 months Site support at Tamol Plant)

Italy (back-office activities and FAT in Fidenza)

South Africa (~6 months SAT at Sasol Refinery)

Spain (back-office activities and ~3 months FAT in Madrid)

Iraq (back office activities)

Saudi Arabia (~3months SAT and Commissioning in 3 different locations:

Al Madinnah, Jeddah, Taif)

Nederlanden (back office activities and FAT for Shell at Honeywell

Nederlanden)

France (back-office activities)

Algeria (back office activities)

Australia (back office activities), etc.



Automation and Process Engineer

JTI (Japan Tobacco International)

Sep 2011 - Oct 2014 · 3 yrs 2 mos

Bucharest, Romania

During October 2013 - March 2014, I've participated in a short time assignment project for six months in Japan (employee of Tokyo JT), consisting of technical support for the commissioning of a new production line, specialization, various joint projects, best practices and technical experience exchange.

Also, within the company, in May 2013 I went in a business trip at JTI Sudan in order to provide technical support and technical training of the personnel.

In January 2013 I participated in a joint project in Poland (together with JTI Poland and JTI Jordan), in order to increase the efficiency of some machineries.

Tasks / responsibilities:

- Troubleshooting (both hardware and software) in order to restart the equipment's in case of a breakdown, and take countermeasures to avoid future similar cases. Preventive and corrective maintenance, software (Step 7) and hardware for all of equipment's in the department;
 - Modify Software (S7-300, S7-400) as needed (correcting errors, process improvement, etc.) Simatic NET Configuration.
 - Calibration of sensors and process instrumentation;
 - Coordination of various technical projects within the department; Liaising with service providers;
 - Process engineering: manufacturing process management / primary processing of tobacco, calculating the optimum working parameters, interpreting trends, process analysis; maintaining process parameters within the limits set by the Quality Department; participating in various blend qualification together with R&D members;
 - Maintaining KPI at a planned level or even better; Reporting on monthly basis to the global departments;
 - Drafting work instructions and procedures for operation, maintenance, cleanliness, safety, etc.
 - Internal and external audits participation; 5S responsible;
 - Internal auditor for quality management system ISO 9001: 2008 (Lloyds diploma certification)
-



Tobacco Processing Supervisor

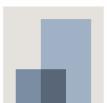
Japan Tobacco Inc. (JT)

Oct 2013 - Mar 2014 · 6 mos

Tokyo, Japan

(Short Time Assignment program in JT Manufacturing Technology Center)

- Assistance and support for the commissioning of a new production line
- Participating in the first trial test of the new production line
- Participating in the User Requirement Meeting as part of the JT Team
- Exchange of experience and cooperation in various joint projects
- Best Practices sharing
- Training on various topics



System Engineer

ELECTROTEHNICA ECHIPAMENTE ELECTRICE SRL

Oct 2009 - Sep 2011 · 2 yrs

Bucuresti

- Electrical design of automation systems (Logo, S7-200, S7-300, S7-400)
- PLC programming, performing commissionings
- Technical and commercial proposals of automation systems, power distribution systems, various projects within the company;
- Electrical Design for electric drive systems (motors with 1 speed / 2 speeds, 2 directions of rotation, star-delta, frequency converters etc.)
- Elaboration of constructive documentation (design diagrams, bill of materials, specifications, tables of connections) and other documents for the manufacture of new products;
- Translation of technical documentation in French, elaborating various technical books in French (on request) and English;
- Technical support for manufacturing, testing operations and settings;
- Technical support for service and commissioning of equipment (in Bucharest and other cities);
- Successful implementation of SCRUM management method for achieving the company's targets (planning meetings, Daily Scrum, specific documentation);
- SCRUM Master for different projects.

Applications / projects completed or in which I participated in the company:

TCGE – Control systems for gensets

TEVM – Control system for marine winch

TCF – Frequency Convertor Electrical Cabinet

Testing and configuring SAET (Power Supply Systems for Telecommunications Equipments)

Testing and configuring inverters made by the company (both single phase and three phase).

Upgrading Electric Drives for the PIP Stations (Arpechim Petrochemistry – Pitesti)



Electro-mechanical and automation technician in industrial equipment

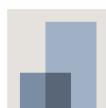
JTI (Japan Tobacco International)

Aug 2009 - Oct 2009 · 3 mos

Bucharest

(Internship Program 2009)

- Participation in maintenance activities of industrial equipment in the cigarettes manufacturing field;



Automation technician

S-IND Process Control S.R.L.

Feb 2009 - Jul 2009 · 6 mos

Bucharest, Romania

- Electrical Cabinets Design: single line diagram, circuit diagram, system configuration, remote I / O, cabinet layout, according to P & ID and PFD;
- HMI: Making user interfaces in LabVIEW 8.5 (operator panels synoptic interface to control remote processes, setting of controls and indicators, configuration and setting alarms, historical events, trends);
- Smelter project: research on the crucible steel furnace and channel steel furnace (functionality and wiring diagram), STEP7 programming;
- Extrusion machinery project: STEP7 programming, HMI (LabVIEW) OPC Server Configuration;
- Development of working procedures for ISO certification of S-IND Process Control company;
- Various projects within the company (plant bakery - drafting documentation, tags, HMI);



Automation Tehnician

S-IND Consulting SRL

Aug 2008 - Jan 2009 · 6 mos

Bucharest, Romania

- Electrical Cabinets Design: single line diagram, circuit diagram, system configuration, remote I / O, cabinet layout, according to P & ID and PFD;
- HMI: Making user interfaces in LabVIEW 8.5 (operator panels synoptic interface to control remote processes, setting of controls and indicators, configuration and setting alarms, historical events, trends);
- Some automation projects of wire drawing machines, in STEP7, for S7-300 PLCs (Siemens);

EXPERIENCE



Senior Automation Engineer

Honeywell Life Safety Romania

Jan 2019 - Present · 6 yrs 2 mos

Lugoj, Romania

Managementul proiectelor de digitizare a fabricii, proiecte de achizitie automata de date de productie si raportare automata.

Asigurarea functionarii optime a proceselor automate.

Suport de specialitate pentru repunerea in functiune a masinilor automate si robotilor.

Crearea specificatiilor pentru noile masini automate si linii automatizate.

Mangementul proiectelor de automatizare si crestere productivitate.

Crearea de aplicatii software pentru optimizarea proceselor si eliminarea greselilor de operare.

❖ PLC Programming, PLC Siemens and +20 skills



Project Manager

Honeywell Life Safety Romania

Mar 2010 - Dec 2018 · 8 yrs 10 mos

Lugoj, Timis, Romania

Honeywell International, Inc. is an American multinational conglomerate company that produces a variety of commercial and consumer products, engineering services and aerospace systems for a wide variety of customers, from private consumers to major corporations and governments.

Honeywell Life Safety Romania is a Center of Excellence for manufacturing electronic products related to fire prevention.

Responsibilities:

- Project management for NPI, process optimization and manufacturing for electronics products.

Achievements:

- I work closely with partners from Germany, England, Spain and Italy for developing and manufacturing new products or transferring products from other manufacturing site to Lugoj.
- I have introduce on manufacturing or transfer in Lugoj Manufacturing Site over 20 new products.
- I have created and optimize 3 new complex assembly lines.
- I achieved "Green Belt Certificate" on 6 Sigma

🚩 PLC Programming, PLC Siemens and +17 skills



Inginer TPM

Autoliv

Jan 2009 - Mar 2010 · 1 yr 3 mos

Lugoj, Timis, Romania

Autoliv is a leading global manufacturer of automotive active and passive safety systems.

In Lugoj are making airbags.

Responsibilities:

Leading maintenance team, planning preventive maintenance, implementing Kaizen: 5S, TPM, Pokka Yoke; PFMEA and 8D meetings.

Achievements:

- during 1 year I reduce the equipment's breakdown time from 7% by week to less than 2% by week.
- I create a Poke-Yoke device for airbags inspection that reduce the quality issues ppm with 5%.

❖ PLC Programming, PLC Siemens and +10 skills

flex

Coordinator de proces

Flex

Jan 2007 - Dec 2009 · 3 yrs

Timisoara, Timis, Romania

Flextronics is a leading global provider of electronics manufacturing and integrated supply chain services. We serve the world's most innovative companies in industries that rely on high-tech electronics. More than 3,500 employees in Solelectron Romania have a hand in designing, making and servicing products that people around the world rely on every day. Working in Flextronics is challenging, rewarding, fast-paced, stimulating, and customer and market-driven; all describe Solelectron's environment.

Responsibilities, Achievements

I and my team, of engineers and technicians, have made the transfer of "SAFT power systems" production in Flextronics, that means machines installations, programs transfer from old platforms to new platform, new process implementation. We maintain the correct process flow for electronic production for the customer Harmer+Simmons. I coordinate a team of 12 process engineers and maintenance technicians for optimize the processes and increase OEE.

▽ Troubleshooting, Problem Solving and +7 skills



Manager Menitenanta si Proces

Saft Power Systems

Jan 2005 - Dec 2006 · 2 yrs

Timisoara, Timis, Romania

Saft Power Systems' teams of experts operate worldwide and are dedicated to providing high quality power components and solutions. We power, secure and protect critical business against any mains failure or disturbance.

Responsibilities, Achievements

I and my team have defined and improve the process flow for electronic production including:

SMT process, hand load and wave soldering.

I planed and coordinate de maintenance for all equipments.

Skills: Troubleshooting · Problem Solving · Communication · Automation · Electrical Engineering · Redactare documentație tehnică · Programming · AutoCAD · Electronics · Pneumatics · Project Management



Inginere menitenanta si metode de fabricatie

Alcatel

Mar 1998 - Dec 2004 · 6 yrs 10 mos

Timisoara, Timis, Romania

Alcatel is a global communications solutions provider, with the most complete end-to-end portfolio of solutions and services in the industry. Alcatel NSR is the most important IT&C "turn-key" solutions provider in Romania, with a complex activity consisting in research & development, design, installing, maintenance and consulting.

Responsibilities, Achievements

I made the maintenance for SMT equipments (Fuji CP42, CP43, CP6, GL2, GSP, QUAD,

JUKI, Soltec, THERMATECH ovens);

I prepare the SMT process for new products (make the programs for Fuji and Quad machines,

prepare and verify the thermal profile of the oven);



Maintenance Manager

BASEL Timcomp

May 1994 - Mar 1998 · 3 yrs 11 mos

Timisoara, Timis, Romania

Basel Timcomp was a group of companies with foods and drinks factories, beer factory and foods trading. It was based on Fructus S.A. food factory with more than 30 years of experience in producing canned vegetables.

Responsibilities, Achievements

Leading maintenance team, planning preventive maintenance.

ISCIR responsible for lifting equipment and high pressure equipment.

Responsible for optimizing energy consumption for the manufacturing site.

31.

Experience

 **ABB Italy**
14 yrs 8 mos

- **DCS Engineer & L3 Support Specialist**

Full-time

Jul 2010 - Present · 14 yrs 8 mos

Genova, Italy

- Develop and coordinate ABB S+ Operations Display and Connectivity Libraries;
- Create and maintain KB articles for ABB S+ Operations SW;
- Product Research, Factory and Site Acceptance tests for ABB Symphony Plus Systems and 3rd party integration;
- Level 3 and Level 4 support for various DCS projects at different stages (system design & architecture, implementation, commissioning, sales, etc), including on site;
- Diagnose and offer adequate solutions for projects' technical challenges, but also for various HW&SW issues;
- Cooperate with all technical teams and share results across Global ABB network in order to improve workflows, technical practices, engineering procedures, support and troubleshooting;
- Comprehend project requirements, propose and implement cost effective solutions, in accordance with ABB Global standards;
- Training mostly for ABB Engineers but also for end customer (maintenance and commissioning engineers, operators, supervisor personnel);
- Engineer and commission systems with various ABB controller series (like AC870P-Melody, AC800F, AC500, HPC800-Harmony) combined with different HMI systems (ABB Power Generation Portal, ABB S+ Operations, 3rd party products).

ABB is supporting
global efforts
to limit COVID-19

ABB Group - Automation and Power Technologies

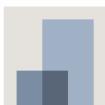
ABB is a leader in power and automation technologies that enable utility and industry customers to improve...

● **HMI/DCS Engineer**

Aug 2014 - Dec 2016 · 2 yrs 5 mos

Vienna

- HMI and systems integration expert for ABB Hydro Power Generation projects;



Network Technician

SC HYPOBET INTERNATIONAL SA

Apr 2009 - Jul 2010 · 1 yr 4 mos

Bucharest, Romania

Technical support for automated live-betting machines and network administration.



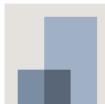
Network Technician

SC. SoftTex SA

Jan 2005 - Feb 2007 · 2 yrs 2 mos

Slobozia, Romania

Building structured voice/data networks.



Senior Commissioning Engineer

ABB , DEA

Jan 2007 - Present · 18 yrs 2 mos



Senior Commissioning Engineer

Working for ABB

May 2016 - Nov 2016 · 7 mos

Ludvika, Sweden

05/2016 – /2016

ABB Sweeden, Ludvika

ABB Ludvika HV (Congo DRC , Kolwezi)

Synchronous machine AC700 & Freelance

Logic Development, Installation & Commissioning



DEVELOPMENT ENGINEERING AUTOMATION SRL

4 mos

- **Senior Commissioning Engineer**

Mar 2016 - May 2016 · 3 mos

Le Havre Area, France

ABB Genova (DEA Srl)

ABB Power Plant (Le Havre, FR)

Melody 870P + Symphony Plus

Calibration & tuning

Performances tests

- **Instructor Senior Automation Engineer**

Feb 2016 - Mar 2016 · 2 mos

Bristol, United Kingdom

ABB University Training Centre - Genova

T309 / AC800M-HI, System Engineering Configuration

Engineering Workplace

Project Structure

Project Development

Function Block Designer

TAG Management

Operator Workplace

Alarm, Events, Trends configuration

CBM&SW configuration HW-PM865



DEVELOPMENT ENGINEERING AUTOMATION SRL

2 yrs 5 mos

- **Senior Commissioning Engineer , ABB DEHC Power Plant**

Sep 2014 - Dec 2015 · 1 yr 4 mos
Port Elizabeth Area, South Africa

09/2014 – 12/2015
ABB Genova (DEA Srl)
ABB DEHC Power Plant
DEHC INFI 90 + Symphony Plus
Installation and Commissioning

- **Commissioning Engineer, ABB DEHC 6th October Power Plant**

Feb 2014 - Aug 2014 · 7 mos
Cairo, Egypt

02/2014 – 08/2014
ABB Genova (DEA Srl)
ABB DEHC 6th October Power Plant
DEHC INFI 90 + Symphony Plus
Installation and Commissioning

- **Senior Commissioning Engineer**

Aug 2013 - Feb 2014 · 7 mos

Kosice, Slovakia

08/2013 – 02/2014

ABB Genova (DEA Srl)

Waste Power Plant / RUTSH – KOSIT

LV E&I

Installation and E&I commissioning



DEVELOPMENT ENGINEERING AUTOMATION SRL

6 mos

- **Senior Commissioning Engineer, Automation E&IC commissioning**

Mar 2013 - Jun 2013 · 4 mos

Oran, Algeria

03/2013 – 06/2013

ABB Genova (DEA Srl)

Power Plant / Sonel Gas, ORAN. Algeria

Automation commissioning

LV E&I supervisor

Installation and E&I commissioning for 160MW power plant

Commissioning DCS logics with INFI90 and IndustrialIT PGP.

- **Automation Symphony Plus**

Jan 2013 - Mar 2013 · 3 mos

ABB Genova Laboratory

01/2013 – 03/2013

ABB Genova (DEA Srl)

ABB Laboratory

Automation Symphony Plus

Graphic pages power plant Le Havre.- FR



Senior Commissioning Engineer

Suez Steel

Jul 2012 - Dec 2012 · 6 mos

Suez, Egypt

07/2012 – 12/2012

Suez Steel SSC (3EM Srl)

Steel Plant / Egypt

LV&MV Coordinator (suez steel)

Coordination of electrical installation and commissioning jobs for: EAF /
LRF / RMH .



Senior Commissioning Engineer

Danieli

May 2012 - Jul 2012 · 3 mos

Damasc, Syria

05/2012 – 7/2012

DANIELI Automation , UDINE

Steel Plant / S.M.I Damasc, Syria

Automation commissioning

EAF & LRF software commissioning (Siemens S7)



Senior Commissioning Engineer

Gerdau Long Steel North America

Mar 2012 - May 2012 · 3 mos

Wilton, Iowa, United States

03/2012 – 5/2012

Steel Plant / Wilton Mill – Gerdau Ameristeel U.S.A

Automation commissioning

Electrical LV and software commissioning for one straightening machine
(AC800M DCS)



DEVELOPMENT ENGINEERING AUTOMATION SRL

1 yr 10 mos

- **Commissioning Engineer, SCADA MV (AC800F & PGP)**

Jul 2011 - Feb 2012 · 8 mos

Roma, Italy , Underground

07/2011 – 2/2012

ABB Genova (DEA Srl)

SCADA MV (AC800F & PGP)

LV & MV E&I supervisor

Installation and E&I commissioning for: SCADA Line B1 Roma
Underground

- **Commissioning Manager, Automation & E&I**

Apr 2011 - Jun 2011 · 3 mos

Genova , FinCantieri

04/2011 – 6/2011

ABB Marine & FinCantieri (DEA Srl)

Marine

Automation & E&I

Commissioning of Fleet Tanker 2

- **Commissioning Engineer, Automation Infi 90 & PGP**
Feb 2011 - Apr 2011 · 3 mos
San Severo, Italy Power Plant

02/2011 – 04/2011
ABB Genova (DEA Srl)
Power Plant
Automation Infi 90 & PGP
San Severo 400mw combined cycle power station Commissioning Steam
Turbine logics.
- **Commissioning Engineer Automation AC 800M & 800xA**
May 2010 - Feb 2011 · 10 mos
San Severo, Italy Power Plant

05/2010 – 02/2011
ABB Genova (DEA Srl)
Power Plant
Automation AC 800M & 800xA
S.Severo 400mw combined cycle power station. Automation
commissioning



DEVELOPMENT ENGINEERING AUTOMATION SRL

1 yr 3 mos

- **Development, Automation AC 800M & 800xA + AC800M-HI**

Jan 2010 - Mar 2010 · 3 mos

ABB laboratory, Genova

01/2010 – 03/2010

ABB Genova (DEA Srl)

ABB laboratory

Automation AC 800M & 800xA + AC800M-HI

Final software realization & HW+SW F.A.T of San.Severo 400mw
combined cycle power plant

- **Commissioning Engineer Automation, Infi 90 (DEHC) & 800xA**

Nov 2009 - Dec 2009 · 2 mos

Scandale (Crotone,IT)

11/2009 – 12/2009

ABB Genova (DEA Srl)

Power Plant

Automation Infi 90 (DEHC) & 800xA

Automation commissioning Turbine power plant at Scandale (Crotone,IT)

AUTOMATION COMMISSIONING TURBINE POWER PLANT AT SCANDALE (CROTONE, IT)

- **Commissioning Engineer Automation, AC 800M & 800xA**
Sep 2009 - Nov 2009 · 3 mos
Scandale (Crotone, IT)

09/2009 – 11/2009
ABB Genova (DEA Srl)
Power Plant
Automation AC 800M & 800xA
Automation commissioning of 400+400mw combined cycle power plant at Scandale (Crotone, IT)
- **Development, Automation AC 800M & 800xA**
Jul 2009 - Sep 2009 · 3 mos
ABB Genova laboratory

07/2009 – 09/2009
ABB Genova (DEA Srl)
ABB laboratory
Automation AC 800M & 800xA
Realization and logical development of 400mw combined cycle power plant of San.Severo (Foggia, IT)
- **Development Automation AC 800F & PGP & Plantguard**
Jan 2009 - Jul 2009 · 7 mos
ABB Genova laboratory OIL & GAS

01/2009 – 07/2009
ABB Genova
ABB laboratory OIL & GAS (DEA Srl)
Automation AC 800F & PGP & Plantguard
Functional logical development, graphic pages development & final acceptance test (F.A.T) about Sidra, Wachkah projects(gas pumping station in libya)



Danieli

1 yr 9 mos

- **Site manager assistant / construction**

Jan 2008 - Oct 2008 · 10 mos

Hungary , Dunaujvaros (Dunafer)

01/2008 – 10/2008

DANIELI Centro Combustion, GENOVA

Steel, Hungary , Dunaujvaros (Dunafer)

Site manager assistant

Civil works supervision, heavy mechanical assembly installation of instrumental parts and commissioning off all job targets (Walking beam furnace 280t/h)

Installation / pre-commissioning and hot production commissioning

- **LV & E&I supervisor**

Apr 2007 - Dec 2007 · 9 mos

Kazakhstan , Pavlodar (KSP)

04/2007 – 12/2007

DANIELI Centro Tube, MILANO

Steel, Kazakhstan , Pavlodar (KSP)

LV & E&I supervisor

Assembly / installation and instrumental commissioning of one TUBE PLANT.

Technical Eng. Assistant

Technical Eng. Assistant

- **LV & E&I supervisor**

Apr 2007 - Apr 2007 · 1 mo

South Korea , Seoul

LV & E&I supervisor

Assembly / installation and commissioning of one pylons welding machine

- **LV & E&I Supervisor**

Feb 2007 - Apr 2007 · 3 mos

INDIA, Durgapur (DSP)

02/2007 – 04/2007

DANIELI Automation

Steel, INDIA, Durgapur (DSP)

LV & E&I supervisor

Assembly installation and commissioning of one CONTINUOUS CASTING

Job followed from the beginning till to the hot production .

34.

experience



Co-Founder

Smart Automation
Mar 2014 - Present · 11 yrs
Constanta
www.smart-automation.ro

Our basic field of activity is industrial automation systems configuration, commissioning and maintenance. We have experience with products from Rockwell, ABB, Siemens and we were involved in jobs all around the world.

In the last years our engineers were involved in big projects for design, pre-commissioning, commissioning and maintenance activities, in Europe, Middle East, North Africa and Asia countries.



ABB

Full-time · 2 yrs 1 mo
On-site

- **Distributed Control System Specialist**

Feb 2023 - Present · 2 yrs 1 mo
Gelsenkirchen, North Rhine-Westphalia, Germany

Scholven BP Rafinery - 4xBoiler & Water treatment Plant
ABB AC800xA / 800M

- **Distributed Control System Specialist**

Apr 2023 - May 2023 · 2 mos
Libya , GreenStream

Let Down Gas Station
ABB Symphony Plus Engineering / S+ Operation / Plantguard



ABB

Contract · 8 mos

- **Distributed Control System Specialist**

Nov 2022 - Dec 2022 · 2 mos

Libya Melitha Greenstream

Plantguard & Symphony +Engineering/Infi90/ Tenore/ Symphony +

- **Distributed Control System Specialist**

May 2022 - Nov 2022 · 7 mos

Libya El feel

800F freelancer ABB & PCP (Water Injection Project)



ICSS Specialist

Eni · Full-time

Nov 2019 - Mar 2020 · 5 mos

Algeria

Onshore BRN MLE Pipeline Project



Eni

1 yr 8 mos

- **Senior Automation Engineer**

Mar 2019 - Aug 2019 · 6 mos

Vibo Valentia Area, Italy

- **ICSS Specialist**

Jan 2018 - Mar 2019 · 1 yr 3 mos

Zohr Gas Field - Port Said Governorate, Egypt

- Precommissioning/ Commissioning for hardware and software following bellow activities:
 - 8x Gas Trains
 - Gas Turbine 6x12MW (Siemens)
 - Demi Water / Condensate system / 3x BMS system / 7xAir Compressor – 3xDryers / Filtration system / Sewage system / Chillers / SRU system / Silica Gel system / CEMS system and integration with DCS/ESD system
 - Requested software and hardware changes and implemented
 - Tracking in the DCS / ESD / FGS systems
 - Alarm / Trend modification and analyzation / Reporting
 - DCS system – Schneider (Foxboro EVO / Wonderware)
 - ESD/FGS – Schneider (Triconex)
 - PLC software for package : SIEMENS (TIA Portat / Step 7 / WinCC)
Allen Bradley (RS Logix 5000 Rockwell)
HIMA (HIMax)



DCS Specialist

Ansaldi Energia

Dec 2017 - Dec 2017 · 1 mo

Batna, Algeria

GT 2x150MW Service - recalibration of Control Gas Valves / Tuning for DCS system, HCO.

ABB Infi 90 / AC800M/ PGP



Ansaldi Energia

5 mos

- **DCS Specialist**

Aug 2017 - Aug 2017 · 1 mo

6th October, Egypt

GT 8x150MW Service - Tuning DCS / Re-commissioning / Monitoring the plant.

ABB Infi 90 / Symphony +

- **Automation Specialist**

Apr 2017 - Jul 2017 · 4 mos

Shabab Power Plant,Cairo Governorate, Egypt

CCGT Power Plant , 2x250MW ST

Steam Turbine DCS system : infi 90 ABB, Symphony +



DCS Specialist

Eni

Jul 2017 - Jul 2017 · 1 mo

Gas Plant Casalborsetti Ravenna Area, Italy

Revamping; DCS modification, logic and communication protocol configuration.



Eni

2 mos

- **DCS Specialist**

Mar 2017 - Mar 2017 · 1 mo

Gas Plant Casalborsetti Ravenna Area, Italy

Revamping; DCS modification, logic and communication protocol configuration.

- **DCS Specialist**

Feb 2017 - Feb 2017 · 1 mo

Oil Center Val d'Agri Italy , Viggiano Basilicata

Automation Survey ; DCS/ESD/F&G ; Improvements



Ansaldo Energia

2 mos

- **Automation Specialist**

Jan 2017 - Jan 2017 · 1 mo

Bangladesh , Sylhet Power Plant

GT 1x150MW Service - Tuning DCS / Control Valves calibration / Monitoring the plant.

ABB Infi 90 / PGP

- **Automation Specialist**

Dec 2016 - Dec 2016 · 1 mo

Cairo Governorate, Egypt Power Plant

GT 1x150MW Service - recalibration of Control Gas Valves / Tuning for DCS system



Ansaldo Energia

2 yrs 10 mos

- **Automation Engineer - DCS Specialist**

Apr 2016 - Aug 2016 · 5 mos

6th October, Egypt

6th October Power Plant, Gas Turbine 4x150MW + 4x150MW Extension

DCS system : infi 90 ABB, Symphony Plus

- **Automation Engineer - DCS Specialist**

Sep 2015 - Mar 2016 · 7 mos

Giza Nord, Egypt

Giza Nord CCGT Power Plant 2250MW, 6x250MW GT , 3x250MW ST

Steam Turbine DCS system : infi 90 ABB, PGP Tenore

- **Automation Engineer - DCS Specialist**

Mar 2014 - Aug 2015 · 1 yr 6 mos

6th October, Egypt

6th October Power Plant, Gas Turbine 4x150MW + 4x150MW Extension

DCS system : infi 90 ABB, Symphony Plus

- **Automation Engineer - DCS Specialist**

Nov 2013 - Feb 2014 · 4 mos

Batna, Algeria

Batna Power Plant, Gas Turbine 2x150MW

DCS system : Infi 90 ABB, AC800M, PGP Tenore

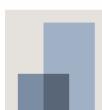


Instrument & IAS Coordinator

Dietsmann

May 2013 - Nov 2013 · 7 mos

Sabratha Platform Libya



Automation Engineer - DCS Specialist

Orisoft Italy

Aug 2011 - May 2013 · 1 yr 10 mos

Milano

- Commissioning Engineer - ASAB UAE (March to April 2013)
DCS system (chillers) - AC800M ABB

- Commissioning Engineer – Arzew Raffinery Algeria (September to October 2012)
DRCS system - RsLogix5000 - Rockwell RsView32 (graphic pages)

- Maintenance Engineer – Sabratha Platform Libya
(July to August 2012)
DCS system - Infi '90 ABB
ESD system - Plantguard ABB
F&G system - Plantguard ABB

- Commissioning Engineer – SETH Platform Egypt
(May to June 2012)
DCS system - Infi '90 ABB
PCP (graphic pages)

- Maintenance Engineer – Sabratha Platform Libya

(March to April 2012)

DCS system - Infi '90 ABB

ESD system - Plantguard ABB

F&G system - Plantguard ABB

Electronic Systems (ITALY) – NEXEN - South Korea -

DCS system from January to February 2012

StartUp and Maintenance Sabratha Platform Libya

DCS, ESD and Fire&Gas (Gas Platform)from 12 October to 13 November 2011.

Electronic Systems (ITALY) – Petlas Turkey

DCS system from August to October 2011

1. 1500 I/O points hardwired.

2. 50 graphic pages Display.

3. 1 redundant node Alan Bradley(Rockwell)

4. 4 Operator Station.

5. 1 engineering station.

• From August to October 2011.

-Tasks

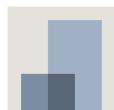
■ DCS, configuration and commissioning for the complete system hardware and software.

■ Video display graphic page (MIMICS) design/modification

■ Establish of (PROFIBUS) communications interface with other vendors.

venors.

- Troubleshooting of System cabinets and Marshalling cabinets, local Control Panels and Synoptic.
 - Motors Drive configurations
 - Field instrumentation installation and calibration
-



Automation Engineer - DCS Specialist

D.E.A. Italy

Jun 2008 - Aug 2011 · 3 yrs 3 mos

Milano

Projects:

- Bahia Las Minas – Repowering Project Panama – Boiler – DCS and ESD system
(Infi '90 Composer and PGP)
- Misurata - Desalination Plant Libya – ESD – (Plantguard ICI Triplex software and PGP)

- Libdah - Pipe Line Project Libya– ESD - (Plantguard ICI Triplex software and PGP)

- Zlitan Cement - Pipe Line Project Libya – ESD (Plantguard ICI Triplex software and PGP)

- Zlitan Desalination - Desalination Plant Libya– ESD (Plantguard ICI Triplex software and PGP)

- Zawia - Pipe Line Project Libya– ESD - (Plantguard ICI Triplex software and PGP)

-Malpensa Airport Milano – add 2 frigorific group (Infi '90 Composer and PGP)

Commissioning activities with ABB software:

-DCS Commissioning activities abroad for ABB systems Oil & Gas, DCS and Power Systems, Projecting ABB DCS systems;

-DCS Commissioning Engineer from July 2009 to April 2010 in Batna(Algeria) Open Cycle
Power Plant Commissioning Team; used software from ABB- Infi '90-Composer(logic part), PGP(Power Generation Portal) – HMI part

-DCS Commissioning Engineer from June to July 2010 in El Atf (Egypt)
Open Cycle
Power Plant; used software from ABB- Infi '90-Composer (logic part),
PGP (Power Generation Portal) – HMI part

-DCS Commissioning Engineer from October to December 2010 in El Feel Field (Elephant)
Libya – Water Injection Project; used software from ABB- AC800F (logic part),

PGP(Power Generation Portal) – HMI part

- Trainer/Instructor – duration 10 days in Egypt – Symphony Harmony Control System;
- DCS Commissioning Performance Calculation – duration 3 weeks (March – April)\

(March – April)\\
in Egypt (El Tebbin) ; used software PGP
- DCS Commissioning Perfomance Calculation – duration 3 weeks(May)in Egypt (Kuraymat); used software PGP
- DCS Commissioning Engineer from June to July 2011 to in M'Sila, Batna , Larba (Algeria) Open Cycle Power Plant; used software PGP



Networking and Communication Engineer

Romtelecom

Jun 2007 - Jun 2008 · 1 yr 1 mo



Sales Engineer

MARSIPO PROD BRASOV

Sep 2006 - Apr 2007 · 8 mos

35.



Power System Application Engineer

GE Vernova · Full-time

Apr 2024 - Present · 11 mos

Bucharest, Romania · Hybrid

▽ Automation, Energy Industry and +5 skills



Power System Application Engineer

GE Energy Connections

Nov 2018 - Jul 2024 · 5 yrs 9 mos

Bucharest, Romania

Application engineering for EMS-SCADA Systems.

Integration engineer, filling Team Lead role for Transelectrica project.

Source management and training of on-site GE representative. Active support for maintenance and debug works. Customer management on technical side.

- TRANSELECTRICA – ROMANIA: Database and user interface migration from for the National Control Center. Integration of E-terra solution, end-to-end testing, various customer acceptance testing throughout the project. Working together with the local team to manage the migration of a system 18 years old while maintaining a minimal amount of impact over the permanently running National and regional control centers in the country.
- BPC – BOTSWANA: Database building and data analysis. Software integration and testing for Scada & Power System Applications, including SAT with customer.
- STEDIN – Netherlands: Integration, Database updates, SCADA, FAT & SAT,



Database & UI Engineer

Alstom Grid · Full-time

May 2014 - Oct 2018 · 4 yrs 6 mos

Bucharest, Romania

Database and display engineer for SCADA systems.

Database, display and integration engineer. Source management and training of on-site GE representative. Active support for maintenance and debug works when required. Planning for trainees. Training to customer and Project Workshops for critical decisions during project deployment.

Lead by the delivery manager, I managed to provide active support in roles I invested all my efforts to rise to a good level.

- GDF SUEZ – Belgium & Netherlands : Display building & client modifications. Database modeling
- ESSENT – Netherlands : Database migration from 2.3 to 2.6. Display building, creation of updated displays as per client specifications.
- KharaMaa – Qatar : Database and user interface development for transmission and distribution control centers. End-to-End testing for transmission and distribution substations. One year and three months mission on customer site.
- ESCOM - MALAWI: Database and user interface development for transmission and distribution control centers. Integration of E-terra solution for control centers. End-to-End testing for transmission and distribution substations. FAT & SAT with customer.
- LANDSNET - ICELAND: Database and user interface migration from for the National Control Center. Integration of E-terra solution, end-to-end testing, FAT & SAT with customer.



SC TELETRANS SA

3 yrs 3 mos

- **EMS-SCADA Specialist Engineer**

May 2013 - Apr 2014 · 1 yr

Bucharest, Romania

EMS-SCADA database building and testing.

Substation and power plant integration.

High level EMS applications - State estimator, contingency analysis, short circuit analysis, etc.

Load-frequency regulator maintenance.

❖ Oral Communication, Training Material and +2 skills

- **EMS-SCADA Engineer**

Feb 2011 - Apr 2013 · 2 yrs 3 mos

Bucharest, Romania

EMS-SCADA database building and testing.

Substation and power plant integration.

High level EMS applications - State estimator, contingency analysis, short circuit analysis, etc.

❖ Oral Communication and Written Communication



S.C. METROUL S.A.

2 yrs 7 mos

Bucharest, Romania

- **Engineer**

Aug 2009 - Feb 2011 · 1 yr 7 mos

Industrial and Civil Engineering specializing in subway electrical engineering.

Drafting and design for low voltage and medium voltage systems. Project management.

❖ Oral Communication, Written Communication and +1 skill

- **Technician**

Aug 2008 - Aug 2009 · 1 yr 1 mo

Industrial and Civil Engineering specializing in subway electrical engineering.

Drafting and design for low voltage systems. Project management.

❖ Oral Communication and Written Communication

36.

Experience



System Engineering Leader

Renault · Full-time

Jun 2018 - Present · 6 yrs 9 mos

Bucharest, Romania

Engineering:

- o 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 (HandsFree Parking)
- o 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).
- o System Validation and management of specifications

Project management:

- o Coordination with suppliers in order to ensure compliance of deadlines and allocated budget.
- o Coordinating the work group, analyzing the results, identifying the hard points and proposing solutions

❖ Teamwork, Project Management and +1 skill



Energy Engineer

ROENER ENERGYPRO · Full-time

May 2017 - May 2020 · 3 yrs 1 mo

Bucharest, Romania

- Conduct energetic 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.

❖ Communication



Saipem

Full-time · 2 yrs 3 mos

● Instrumentation/Telecom Supervisor

Apr 2015 - Nov 2016 · 1 yr 8 mos

Kuwait

BS-171 Project:

- Maintain regular contact with the site manager and company personnel to ensure compatibility, aims and objectives on a regular basis
- Oversee 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, PIDS

▼ Teamwork and Communication

- **Instrumentation/Telecom Supervisor**

Sep 2014 - Mar 2015 · 7 mos

Abu Dhabi, United Arab Emirates

Shah Gas Project:

- 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

▽ Teamwork and Communication

Honeywell

Automation Engineer

Honeywell · Full-time

Mar 2014 - Jun 2014 · 4 mos

Bucharest, Romania

- Design of automation system architecture
- Back office support to Account Manager

▽ Teamwork and Communication



DCS/SCADA Engineer

HERBING · Full-time

Nov 2012 - Feb 2014 · 1 yr 4 mos

Bucharest, Romania

Analyze 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 Centres

- 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 CFRElectrification

❖ Teamwork and Communication



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.



Automation, Protection & SCADA Engineer

Adrem · Full-time

Jul 2015 - Sep 2020 · 5 yrs 3 mos

Romania

- Configuration, Testing and Commissioning of protection relays for substations (6kV, 20kV and 110kV);
- FAT and SAT preparation and testing of protection relays;
- Responsible for the installation and testing of the following protection relays:
SIEMENS: 7SA86, 7UT85, 7SD86, 7SJ82/85, 6MD85/86, 7SJ66x;
ABB: REL670, RET630/670, REF615/620/630;
AREVA: P139, P442, P643;
Schneider: P543, P435, P643 P132/139;
GE: F650, L90;
- In depth testing of protection relays using Doble F6150 test set, creating test plans and procedures and reports;
- Implementation of SCADA configuration using IEC 61850, IEC 60870-5-103, IEC 60870-5-104 and DNP3 protocols, Modbus;
- In depth experience with using relay logic to implement automations like substation breaker failure schemes, load shedding schemes, automatic switch over schemes, etc;
- In depth knowledge of GOOSE implementation between various protection relay manufacturers;
- Verification of schematic drawings with field wiring and troubleshooting field wiring and schematic drawings errors;
- Commissioning of IDS 650,750 and 850 RTU's;
- Experience with drawing schematics in Eplan;



Automation and Protection Engineer

Electroalfa · Full-time

Aug 2012 - Jul 2015 · 3 yrs

Romania

- Configuration, Testing and Commissioning of protection relays for substations (6kV, 20kV and 110kV);
- Responsible for the installation and testing of the following protection relays:
 - SIEMENS: 7SA63, 7UT63, 7SJ64;
 - ABB: REL670, RET670, REF615/620/630, REF542plus, RET521;
 - AREVA: P139, P442, P643;
 - Woodward: MCA4;
- SCADA configuration using IEC 61850, IEC 60870-5-103 and DNP3 protocols;
- Testing of protection relays using Doble F6150 test set, creating test plans and procedures and reports;
- Verification of schematic drawings with field wiring and troubleshooting field wiring and schematic drawings errors;
- Experience with drawing schematics in AutoCAD;

38.

Experience



Automation Engineer

ENEVO Group · Full-time

Jan 2024 - Present · 1 yr 2 mos

București, România · On-site

Development and implementation SCADA systems for high voltage stations:

Configuration telecontrol equipment RTU, SICAM A8000

Configuration SCADA application: SIMATIC WINCC + SCC software

Configuration RUGGEDCOM switches

Automation Engineer

MSAT | SNEF

IMSAT S.A. · Full-time

Jul 2022 - Feb 2024 · 1 yr 8 mos

București, România

Implement and development hardware and software configuration for PLC/HMI/iPC Schneider Electric (Vijeo Citec, Machine Expert, Vijeo Designer Built-Runtime)

Development and implement SCADA Emerson (Progea-Movicon Next 4.0)

Configuration communication protocols: Modbus RTU protocol, OPC UA, Modbus TCP, RS232, RS485

Development and implement AMS system - Marine Application Projects:

ALARM MONITORING SYSTEM FOR REXDAN SHIP

SCADA FOR WATER SYSTEM - CTTA ALBA



Automation Engineer

Adrem Engineering · Full-time

Nov 2018 - Jul 2022 · 3 yrs 9 mos

Bucuresti

- Development and implement SCADA systems for 110/20 kV substations;
- Implement hardware and software configuration for RTU/PLC IDS 750/850;
- Configuration IEC communication protocols: IEC 60870-5-103, IEC 60870-5-104, IEC 61850, Modbus protocol;
- Tools used in order to improve my activity: IEC Browser, IEC Tester, Vinci, VMware, Putty, ACOS, PCM600, AcSELerator Architect, AcSELerator QuickSet, SFT2841.



Engineer(Supervisor)

Schindler Group · Full-time

Aug 2017 - Nov 2018 · 1 yr 4 mos

Bucharest, Romania



Electrical Engineer

TIAB

Nov 2015 - Aug 2017 · 1 yr 10 mos

Ploiesti

Experience



Protection relays/SCADA/Commissioning engineer

Eximprod · Full-time

Oct 2021 - Present · 3 yrs 5 mos

Bacau · Hybrid

Protection relays/SCADA/Commissioning engineer

❖ Commissioning, Protective Relays and +3 skills



Protection relays/SCADA/Commissioning engineer

Siemens UK

Sep 2019 - Oct 2021 · 2 yrs 2 mos

United Kingdom

Contractor - Protection relays/SCADA/Commissioning engineer



Siemens Energy

9 mos

● Commissioning Engineer

Feb 2018 - Mar 2018 · 2 mos

United Kingdom

Fort William 132/33kV: On site commissioning of different electrical equipments and protection relays.

● Commissioning Engineer

Jan 2018 - Feb 2018 · 2 mos

United Kingdom

Melgarve Temporary 400/132kV substation: On site commissioning of different electrical equipments and protection relays .

● Protection relays engineer/Commissioning/FAT

Jul 2017 - Jan 2018 · 7 mos

Leeds, United Kingdom

Malvern 400/132kV substation / Tannay 132kV substation

- **Protection relays engineer/Commissioning/FAT**

Jul 2017 - Jan 2018 · 7 mos

Leeds, United Kingdom

-Melgarve 400/132kV substation(Temporary connections):

***SGT1 400/132kV,480MVA: Complete FAT preparation/testing of the following relays: Alstom Micom P643(transformer overall protection 1:Biased differential protection, Overfluxing), Alstom Micom P145(HVOC, DAR, Synchrocheck), Reyrolle 7SR2303(transformer overall protection 2:High impedance differential protection, CT supervision),Reyrolle 7SR1103(HSOC), Reyrolle 7SR2302(HV connections:High impedance differential protection, CT supervision), Alstom Micom P141(LV BUP:Overcurrent/earth fault protection), Schneider P821(CBF A/B), Aeberle REG-D(AVC)

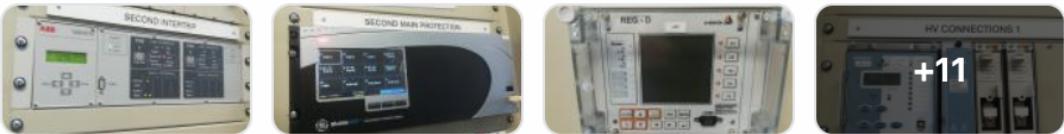
***400kV Fort Augustus Feeder: Complete FAT preparation/testing of the following relays: GE D60(Second Main Protection/Second intertrip:Aided Distance protection/Plain distance protection, VT supervision,2nd intertrip), Alstom Micom P443(Third Main Protection/3rd intertrip:Aided distance protection/plain distance protection, Broken conductor, VT supervision, 3rd intertrip), Reyrolle 7SR1103(BUP)

***400kV Denny North Feeder: Complete FAT preparation/testing of the following relays: GE D90plus(Second Main Protection:Aided Distance protection/Plain distance protection, VT supervision,SOTF), Alstom Micom P443(Third Main Protection/3rd intertrip:Aided distance protection/plain distance protection, Feeder end, VT supervision), Reyrolle 7SR1103(BUP)

***400kV Forth Augustus/Denny North 1st Main protection: Alstom Micom P545-complete back to back line differential protection testing/1st intertrip.

***132kV Stronelaig Feeder: Complete FAT preparation/testing of the following relays: Alstom Micom P545-complete back to back line differential protection testing/1st intertrip, Siprotec 7SD522(Second main protection/second intertrip: complete back to back line differential protection testing/2nd intertrip)

Conducting FAT tests with client(SSE).



SCADA/Commissioning/Protection Relay Engineer

Eximprod Grup

Nov 2011 - Jul 2017 · 5 yrs 9 mos

România

- Working on/with the following protection relay and equipment: ABB, GEC ALSTOM (AREVA), SCHNEIDER, SIEMENS(Digsi 5), EFACEC, ZIV, Switchgear, UPS, Swithes, GPS, embedded pc, etc.
- Parameterization of AREVA, ABB + SPAZC, ZIV, REGDPA, SIEMENS, SCHNEIDER, TAVRIDA, SEL, EFACEC for SCADA system communication networks, communication protocols used: IEC 61850, IEC 60870-5-101/103/104, DNP3, Modbus, Goose communications between different relays (EFACEC relays and ABB relays, Areva relays)
- Complete parameterization of the Efacec-UAC420, BCU500, TPU420
- Execution of the relays connection with the communication network.
- Telecommunications network configuration, substation level, FO, UTP;
- SCADA system configuration, Up and Down communication, Efacec UC500 platform. HMI configuration
- Serial cables execution for different types of relays
- Testing secondary circuits of the relays and functional tests
- SCADA synoptics sketching
- Commissioning of the SCADA system integrated equipments (40 substations)

- SCADA trainer
- Field team supervisor in substations
- Commissioning of the Protection Relays.
- SAT Procedure approval
- Able to understand and review Schematics, Drawings, Interlocking logics



**Engineer within the Special Technologies
Department/PRAM(PProtection Automation Measurement)**

E.ON Energie

Sep 2007 - Nov 2011 · 4 yrs 3 mos

SCADA integration, parameterization, verification of protection and control from the HV/MV substations, transformation points, supplying points:

- Areva Micom P 139, P632: configuration, parameterization of the protection and control relays (commissioning of medium voltage bays, equipped with these relays) within the modernization works of the bays of medium voltage from the HV/MV substations, maintenance works
- Areva Micom P439, P443, P441: I made protection/automation verification, modification of adjustments, settings modification for the relays integration in SCADA system, maintenance works

- ABB REF 541,REF630 Relays: configuration, parameterization of the protection and control relays (commissioning of medium voltage bays, equipped with these relays) within the modernization works of the bays of medium voltage from the HV/MV substations, maintenance works
- Siemens 7SJ631 Relays: configuration, parameterization of the protection and control relays (commissioning of medium voltage bays, equipped with these relays) within the modernization works of the bays of medium voltage from the HV/MV substations, maintenance works
- Siemens 7SJ621, 7SA61, 7SD52, 7UT613 Relays: I made protection verification, modification of adjustments, maintenance works
- EOR-D a-ebele Relays: configuration of the protection relays within the modernization works of the bays of medium voltage from the HV/MV substations, maintenance works
- REG-DP a-ebele Relays: maintenance works
- UAC 420 Efacec Relays: tests, integrations in SCADA system of the high voltage bays from the HV/MV substations
 - Tavrida KTR Recloser: configuration of the protection and control Tavrida relays verification of protections/automations, adjustment modifications, maintenance works
 - GVR Recloser: configuration of the protection and control Polarr relays verification of protections/automations, adjustment modifications, maintenance works
 - Remote separators: maintenance works

40.

Experience



HTS Consulting

10 yrs

- **Technical Manager and Chief of Operations**

Apr 2015 - Present · 10 yrs

Bucharest, Romania

- Coordinating and supervising the commissioning teams which are making different commissioning jobs in various projects all over the world.
- Developing commissioning plans and procedures, commissioning reports, and equipment check sheets providing leadership for quality practices.
- Maintaining the link between the project management and the commissioning teams in the substation.
- Proposing different technical solutions, getting approval from client or project managers and preparing the necessary documentation to implement it in the substations.
- Scheduling site activities, travelling of the commissioning teams, planning the resources, etc.
- Preparing different technical documentation and sustaining training courses with the client for MicroSCADA and COM500.
- Generation of project schedules for different projects.
- Responsible for the supervision of the client punch list and directing the commissioning team in order to solve them.
- Leading the engineering team in order to develop different tools or applications needed by the commissioning teams on site.
- Participating in different technical and commercial meetings all over the world.
- Coordinating the engineering team in order to issue the best technical solution for different client requests.
- Preparing and updating the technical and commercial documentation for different tenders in the company.

System Engineer

Apr 2016 - Jul 2016 · 4 mos

Lusail Boulevard 1 substation – Qatar

- Installation and commissioning of MicroSCADA PRO (SYS600 v9.2) ABB control system in Boulevard 1 substation.
- Installing, configuring, setting and commissioning all kind of equipment dedicated to communicate on IEC61850 protocol: RuggedCOM switches, SACO, REx670, REX521, REF542plus, SIEMENS, etc.
- Configuring and testing the bay control units (REx670 or REF542plus), engineering and testing the whole interlocking logic and synchronization for all voltage levels.
- Testing and preparing the signal lists for the control system.
- Engineering and commissioning the COM581 communication device in order to transmit the designed signals to the National Dispatch Center (IEC 104 protocol).
- Participating in different technical meetings with the client (KAHRAMAA) or consultants (HALCROW) for clarifying design issues. Taking decisions for technical solutions to be implemented.
- Preparing different site procedures or operation manuals for the clients.
- Preparing the documentation and sustaining training courses with the client for MicroSCADA and COM581.
- Defect list clearance.



HTS

6 yrs 9 mos

● **Protection Cubicles Factory Manager**

Apr 2014 - Apr 2015 · 1 yr 1 mo

Timisoara - Romania

- Preparation of technical specifications and design verifications for the electrical equipment which was going to be mounted in the protection cubicles.
- Preparing the list of materials based on the documentation which was received from the client.
- Preparing the quotations and signing the orders with clients.
- Coordinating and supervising all suppliers for the factory to ensure capable factory operations and maintenance personnel and immediate safe and effective production.
- Used extensive, personal process and system expertise to coordinate, review, correct, and update engineering designs to make the substations operate as per the owner's needs.
- Supervising the wiring of the cubicles and all the activities in the factory.
- Checking the wiring diagram modifications to be in accordance with the client request and with design department recommendations.
- Supervising the engineering team and organizing the FATs and all needed tests.

- **System Engineer**

Jan 2012 - Mar 2014 · 2 yrs 3 mos

Rayyan Village project – Qatar

- Coordinating and supervising the control system engineers team which was installing and commissioning the MicroSCADA applications in different substations of the project.
- Used extensive, personal process and system expertise to coordinate, review, correct, and update engineering designs to make the substations operate as per the owner's needs.
- Developing commissioning plans and procedures, commissioning reports, and equipment check sheets providing leadership for quality practices.
- Maintaining the link between the project management and the commissioning team in the substation.
- Proposing different technical solutions, getting approval from client and preparing the necessary documentation to implement it in the substations.
- Creating a tool for comparing the COM500 databases in order to avoid mistakes between two identical applications which have to run on different systems in the same substation.
- Scheduled site activities, test of the system, etc.
- Preparing the documentation and sustaining training courses with the client for MicroSCADA and COM500.
- Generation of project schedules for substation control systems, software and hardware upgrades.
- Coordinated the efforts to collect, install and verify completeness of operating manuals, system diagrams, technical bulletins, and training manuals.
- Responsible for the supervision of the client punch list and directing the commissioning team in order to solve them.
- Commissioning MicroSCADA system and COM500: system installation and network communication.

Senior Commissioning Engineer

Aug 2008 - Dec 2011 · 3 yrs 5 mos

Qatar - Phase VII

- Installation and commissioning of MicroSCADA PRO (SYS600 v9.2) ABB control system in project Phase VII substations (Abu Nakhla Super, Dukhan Road Super, Al Wajba Super).
- Installing, configuring, setting and commissioning all kind of equipment dedicated to communicate on IEC61850 protocol: RuggedCOM switches, SACO, REx670, REX521, REF542plus, SIEMENS, etc.
- Configuring and testing the bay control units (REx670 or REF542plus), engineering and testing the whole interlocking logic and synchronization for all voltage levels (400 kV, 220 kV, 132 kV, 66 kV and 11 kV).
- Testing and preparing the signal lists for the control system.
- Engineering and commissioning the COM581 communication device in order to transmit the designed signals to the National Dispatch Center (IEC 104 protocol).
- Participating in different technical meetings with the client (KAHRAMAA) or consultants (FICHTNER or ENERGOPROJEKT) for clarifying design issues. Taking decisions for technical solutions to be implemented.
- Preparing different site procedures or operation manuals for the clients.
- Preparing the documentation and sustaining training courses with the client for MicroSCADA and COM581.
- Defect list clearance.



HTS

1 yr 3 mos

- **Senior Commissioning Engineer**

Feb 2008 - Apr 2008 · 3 mos

Al Nadha Substation - Dubai

- Designing, engineering, implementing and commissioning RTU560 and MicroSCADA in 132/66/11 kV substation.
- Helping the engineering team in Mannheim with the design works.
- Installing and configuring all hardware equipment related to MicroSCADA system: industrial computers, alarm and hardcopy printers, RTU560, Ethernet switches, etc.
- Full configuration of REF542plus relays for 66 kV and 11 kV. Implementing the interlocking logic, synchronization, etc. Testing it with the client. Preparing and handing over the necessary documentation.

- **Senior Commissioning Engineer**

Feb 2007 - Jan 2008 · 1 yr

Qatar Phase VI

- Installation and commissioning of MicroSCADA v8.4.4 (SYS500) ABB control systems in phase VI substations: Muather North, Abu Sidrah, Muntazah North, Duhail North, etc.
- Remedy of defects detected during checking of secondary circuits.
- Installation of GPS devices.
- Installing and configuring all hardware equipment related to MicroSCADA system: industrial computers, alarm and hardcopy printers, star couplers, Ethernet switches, etc.
- Commissioning and testing voltage regulators type REGSYS (EBERLE).
- Commissioning, engineering and testing REF542plus relays.
- Checking the wiring of the cubicles and generating signals to MicroSCADA from protection cubicles, auxiliary services and local control cubicles.
- Defect list clearance.



Senior Commissioning Engineer

HTS

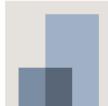
Dec 2004 - Nov 2006 · 2 yrs

Algeria

- Designing, engineering, implementing and commissioning MicroSCADA v8.4.3 and v8.4.4 (SYS500 and COM500) ABB control system in different substations: Arbaa, El Harrach, Mansourah, Seddikia, El Hadjar, Hassi'R Mel, Valmascort, etc.
- Additional software used during the activities: LON Network Tool, SigTool, CAP316, CAP505, CAP580, etc.
- Deep understanding of LON protocol (ABB).
- Deep understanding of IEC 870-5-101 protocol.
- Deep understanding of IEC 870-5-104 protocol.
- Designing, engineering, implementing and testing ABB COM500 application in Valmascort substation (Anaba, Algeria).
- Installation and commissioning of ABB SCADA PCG in El Hadjar (Anaba, Algeria) substation. This was an application which was collecting and monitoring the data from 21 other substations in Algeria.
- Commissioning and testing MicroSCADA v8.4.4. in Hassi'R Mel substation (Sahara Desert, Algeria).
- Designing, engineering, implementing and commissioning COM581 device (v5.12) for remote control of El Madher 60/30 kV substation in Batna, Algeria. Bug fixes and troubleshooting the firmware of the device in Baden, Switzerland (ABB) together with the developers team.
- Installation, configuration and commissioning CEWE metering systems in El Madher (Batna) and Galaxy Metering System in Val Mascort (Anaba).

(Worked).

- Developing and implementing a Visual Basic touch screen bay panel application for controlling and monitoring the bay equipment in Val Mascort substation.
 - Debugging and fixing the code for touch screen bay panel application (Wonderware InTouch) for controlling and monitoring the bay equipment in Arbaa substation (Algiers, Algeria).
 - Working with a lot of ABB relays: Rex316, REC523, SPA relays, REC580, REB500 (configuration changes, communication parameters fixing, etc.).
 - Designing, engineering, implementing and commissioning SYS500 and COM500 applications for different substations in Algeria, El Harrach, Val Mascort, Arbaa, Seddikia, Mansourah, etc.
-



Control System Engineer

TRANSELECTRICA

Jan 2000 - Nov 2003 · 3 yrs 11 mos

- Experience in installation, checking and commissioning of industrial electrical circuits and industrial equipment.
 - Maintained and supported applications for several different projects for large electrical substations in Romania (Portile de Fier, Urechești, Tătărani).
 - Responsible for technical solutions and implementation of new control systems in electrical substations.
 - Responsible for implementation, troubleshooting and commissioning of control systems in electrical substations.
 - Experience in the electrical field engineering.
 - Responsible for electrical circuits and control system design, programming, implementation, troubleshooting and commissioning.
- Responsibilities including system architecture development, system configuration, documentation preparation.
- Responsibilities including work with Territorial Energy Dispatch and Telecontrol Center for checking the data transfer between the substations and the center.
 - Deep understanding of the TCP/IP sockets, client server architecture, communication between the control system and all kind of substation equipment.
 - Installation and commissioning of SAS2000 Cruickshanks Control System in Portile de Fier and Urechești substations.
 - Installation and setup of ALSTOM relays from K-series (EPAC, KAVS, KCEG, KBCH, etc.).
 - Managed the activity of a Courier communication between ALSTOM relays and SAS2000 command control system using KITZ devices.
 - Installation and setup of a lot of YOKOGAWA data acquisition boards.
 - Installation and maintenance of GPS hardware.
 - Designed and implemented graphics for SAS2000 command control system.

- Designed and implemented interlocking logics by programming SAS2000 system adequately.
- Installation and setup pf BEN500 fault analyzing device together with its software.
- Designing databases applications with dBase and Fox Pro.
- Creating the operation manual and other manuals for SAS2000 control system.

41.

Experience

Honeywell

Honeywell

9 yrs 6 mos

- **Advanced Field Service Engineer - Global Engineering Services**

Full-time

Apr 2020 - Present · 5 yrs

Bucureşti, România · Hybrid

Technical Responsibilities (IT-OT)

- Subsystem communication: Modbus, HART, Fieldbus Foundation, including network architecture and IP addressing.
- OPC integration with some of major historian systems (Honeywell PHD, OSIsoft OSI PI, GE Proficy Historian, etc).
- Preventive maintenance.
- Integration between level 2 and level 3 applications with DMZ and corporate solutions.
- Maintenance and support for existing applications/network solutions.
- Honeywell C300/C200/HPM Extensions.
- Process hardware refresh and apps upgrade
- Experion OPM (On Process Migration) with and without hardware refresh.
- SCADA Design & Implementation.
- Loop Check, plant commissioning
- HMI (Shape testing, technical documentation creation, display creation and editing).
- Visio drawings for network/system architecture creation.
- Knowledge sharing sessions with colleagues, customers.
- Creation , review and implementation of internal procedures related to IT operational technology.
- Salesforce/Siebel/SAP account related activities.

Project Management Responsibilities

- Cost estimation.
- Team coordination, technical level.
- Planning activities.
- Strategy development.
- Customer interaction.
- Reports creation and analyze.

 **Technical Planning, Communication and +21 skills**

Sr. Program/Project Engineer (MES IT-OT, APM)

Aug 2018 - Apr 2020 · 1 yr 9 mos

Bucharest

IT-OT related activities:

- Integration of Honeywell Field Device Manager (FDM) with APM solution: Unifformance® Asset Sentinel for SMART instrument monitoring (HART & FF).
- Integration of Honeywell Experion PKS (EPKS) with Unifformance® Asset Sentinel for SMART instrument monitoring (HART & FF).
- Installing and configuring Unifformance® Asset Sentinel, Honeywell's newest tool for monitoring different process assets, generating KPIs.
- Integration of Level 3 application with Honeywell PHD, Osisoft OSI PI
- Creating project specific documentation.
- Creating new MATH models for Unifformance® Asset Sentinel.
- Performing Factory and Site acceptance Tests (FAT and SAT) for new projects with Unifformance® Asset Sentinel;
- Creating documentation Functional Design documents (FDS), Detailed Design documents (DDS), Factory and Site acceptance Test procedures(FAT & SAT) and "As-Built" for Projects.

Lead Engineer activities:

- Coordinating the project team to deliver on time.
- Official communication with customers.
- Review and official document submission to the customers via official channels.

👉 Communication, Interpersonal Communication and +9 skills

- **MES Senior Engineer ABAM(Alarm Boundary and Asset Management)**

Oct 2015 - Jul 2018 · 2 yrs 10 mos

Bucureşti, România

Lead Engineer for Jazan Refinery & Jazan Integrated Gasification Combined Cycle (Project Implementation)

Installing and configuring Honeywell APM: Uniforrmance® Asset Sentinel, Honeywell's newest tool for monitoring different assets;

Creating new MATH models for Uniforrmance® Asset Sentinel;

FAT and SAT for new projects with Uniforrmance® Asset Sentinel;

Creating documentation FDS, DDS and AS-Built for Projects.

❖ Communication, Interpersonal Communication and +9 skills



System Engineer DCS

LINDE GAZ, member of The Linde Group

Jun 2014 - Oct 2015 · 1 yr 5 mos

Brazi

Repairs / modifications in DCS (PCS7) after Hydrogen plant commissioning;

PLC(DCS) programming - Siemens Automation Simatic Step 7, TIA Portal, PCS 7, Schneider Electric Concept

Maintenance of process servers, PLC for the Hydrogen Plant;

Diagnose / Changes / Maintenance in Schneider PLC and SCADA (HMI) iFix from GE Fanuc;

Fixes the accidental breakdowns of PLC(Siemens and Schneider Electric) so that the production activity is not affected;

Responsible with CO2 emission certificates;

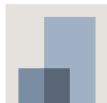
Drawing up lists for spare parts needed.

❖ Interpersonal Communication, Energy Industry and +3 skills



HOME | Linde Romania - Gases Divison

Linde produce și distribuie gaze industriale, speciale, alimentare și medicale, produse dedicate sudării,...



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!

EXPERIENCE



Automation Engineer

Siemens Energy

Sep 2022 - Present · 2 yrs 7 mos

Bucureşti, România



Automation Engineer

Krones Service Europe GmbH

May 2022 - Aug 2022 · 4 mos

Germania



Automation Engineer

ALPMA Alpenland Maschinenbau GmbH

Dec 2021 - Mar 2022 · 4 mos

Germania



Automation Engineer

Comau

Sep 2015 - Oct 2021 · 6 yrs 2 mos

România

Offline programming and on-site commissioning of BIW assembly lines.

Projects:

- Bursa Renault BJA Clio V
- Novo Mesto Renault BJA Clio V
- Boblingen Daimler BR223 / V297

Experience



SCADA Commissioning Engineer

Siemens Energy · Full-time
Apr 2023 - Present · 2 yrs

▷ Network Administration, Windows System Administration and +3 skills



Project Engineer

Honeywell · Full-time
Apr 2022 - Mar 2023 · 1 yr
Bucharest, Romania

Site work, up to and including the Site Acceptance Test (SAT).

- Honeywell Experion software installation and migration participation
- Hardware and software configurations (Operating stations, Consoles, Servers etc.)
- Domain Controller installation and configuration
- EBR installation and configuration
- Virtualization of physical environments
- Switch configuration

▷ Network Administration, Windows System Administration and +2 skills



SCADA System Engineer

Yokogawa · Full-time

Sep 2019 - Mar 2022 · 2 yrs 7 mos

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



Service Engineer

TehnoINSTRUMENT · Full-time

Nov 2015 - Aug 2019 · 3 yrs 10 mos

Prahova County, Romania

Commissioning, maintenance and service of equipment for measuring equipment and control of industrial processes (FAT and SAT)

Commissioning, maintenance and service of gas leak detection systems in industrial environments and laboratories

Configuration of SCADA systems for continuous monitoring of industrial emissions

Electrical and mechanical installation of systems, interpretation of electrical and manual schemes

Preparation of documents at work (minutes, service reports, maintenance sheets, etc.)

Maintaining a close connection with the client in order to efficiently use the equipment and systems provided

Experience



SAIP Automation International

Full-time · 19 yrs 7 mos

- **Technical Director**

May 2023 - Present · 1 yr 11 mos

Târgu Mureş

Leading and support the team specialized in Copa-Data Zenon / Sicam 230 / A8000 / Toolbox / 1703

▽ Team Management, Problem Solving and +7 skills

- **Senior Automation Engineer**

Sep 2005 - Present · 19 yrs 7 mos

Târgu Mureş

SCADA automation using Siemens SICAM 1703 and SICAM 230 / ZENON / IDS HighLeit NT.

18+ years experience in SCADA engineering, parametrization, FAT, SAT, commissioning, trainer and project coaching. I have successfully collaborated on and completed over 100 projects.

▽ PLC Programming, Data Analysis and +12 skills

45.

Experience



Automation Engineer

SAIP Automation International · Full-time

Aug 2018 - Present · 6 yrs 8 mos

2020

Arefu Project:

- Substation panels wiring with SIPROTEC 6MD85 BCUs, 7SJ8x Protections and RUGGEDCOM RSG2100

Ungheni Project:

- Commissioning for 110kV
- Wiring and cable management for SCADA panels

2019

Potosi Project:

- Engineering WinCC

Ungheni Project:

- HMI and Server setup with all softwares (Windows Server 2012 R2, SICAM PAS, OPM II, WinCC, DIGSI 4, DIGSI 5 Premium)
- Engineering, Graphic Design
- preFAT and corrections to WinCC project

STEG XII Project:

- Commissioning in RADES Substation for 225kV bays
- SAT in NABEUL Substation for 225kV bays
- Correction to SICAM PAS, WinCC and DIGSI in RADES, SOUSSE and CHOTRANA

Dhofar Project:

- Graphic Engineering in WinCC

2018

Dumbravita Project:

- HMI and Server update with the newer version of SICAM PAS and WinCC

Kangan Project:

- Engineering, Graphic Design

Ocna Mures Project:

- Engineering, Graphic Design
- Internal acceptance test for the typicals
- SAT and Commissioning for 20kV, 6kV, and 110kV bays

⇒ EtherNet/IP, PRP and +21 skills

46.

Experience



Scada Engineer

Vestas · Contract

Oct 2023 - Present · 1 yr 6 mos

Remote

- PLC Troubleshooting/Operational support to the wind farms (service orders, technical support)
- Interface signals implementation and testing via IEC101, IEC104 and Modbus communication protocols
- Technical support to the Construction Projects
- Technical support to the internal and external stakeholders
- Customer and 3rd party interaction
- Tackling technical documentation



3rd ETO

Allseas Engineering B.V. · Contract

Jul 2023 - Sep 2023 · 3 mos

North Sea · On-site

- PLC, Electrical and Electronic Troubleshooting/Maintenance for the vessel equipment
- Diagnosed the faults and the potential problems and repaired where necessary
- Assisted the 2nd ETO and other members of the department with tasks as delegated by the Chief Engineer/Chief Electrician
- Experience on Allseas vessels: 2023 - North Sea - o/b LORELAY Pipe Laying vessel for Tommeliten & Eldfisk Project and A15 - B10 Petrogas Project



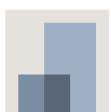
PLC Specialist

NorSPIE · Contract

Apr 2023 - Jul 2023 · 4 mos

Denmark · On-site

- PLC Specialist offshore North Sea on GORM Platform



3rd ETO

Allseas Engineering B.V. · Contract

Oct 2022 - Dec 2022 · 3 mos

Netherlands · On-site

- PLC, Electrical and Electronic Troubleshooting/Maintenance for the vessel equipment
- Diagnosed the faults and the potential problems and repaired where necessary
- Assisted the 2nd ETO and other members of the department with tasks as delegated by the Chief Engineer/Chief Electrician
- Experience on Allseas vessels: 2022 - Rotterdam Port - o/b LORELAY Pipe Laying vessel for R&M



Equipment Development Specialist/Automation Engineer

Saipem · Full-time

Apr 2019 - Oct 2022 · 3 yrs 7 mos

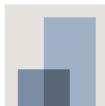
Ploiesti

- PLC Programmer in TIA Portal and STEP 7 for R&D projects
- PLC, Electrical and Electronic Troubleshooting/Maintenance for the Coating Equipment
- Configured the PROFIBUS, PROFINET and ETHERNET networks for creating the fieldbus communication
- SIEMENS and OMRON PLC Troubleshooting
- Specialist of IMPP (Injection Molded Polypropylene), IMPU (Injection Molded Polyurethane) and Field Joint Heat & Coat Clamp System
- Equipment Maintenance and Commissioning for offshore projects, offering the operational and technical assistance during the projects and training the offshore Operators and Supervisors regarding the proper use of the automated Coating Equipments

Experience on offshore Projects:

- 2019 - Liza 2 (ExxonMobil) - Motril, Spain - Commissioning
- 2020 - Liza 2 (ExxonMobil) - Guyana - Commissioning
- 2020 - Shah Deniz 2 (British Petroleum) - Baku Azerbaijan - Project
- 2021 - Payara (ExxonMobil) - Guyana - Commissioning & Project
- 2022 - Payara 2 (ExxonMobil) - Las Palmas Gran Canarias - Commissioning
- 2022 - Payara 2 (ExxonMobil) - Guyana - Project
- 2022 - NFPS (QatarGas) - Qatar - Project

⚡ Profibus, CX-Programmer (OMRON) and +14 skills



Automation Engineer in Oil Drilling

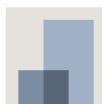
S.C. AMPLO S.A. Ploiesti

Apr 2018 - Apr 2019 · 1 yr 1 mo

Ploiesti, Romania

- Developed the monitoring systems for the following drilling parameters: hook load, piston depth, rotary table torque, hydraulic pliers torque, mud tank level, drill bit load, mud pressure, water pressure, rig engine oil level
- Installed the drilling parameters monitoring systems on the onshore oil rigs
- PLC Programmer in TIA Portal and STEP 7, developed and maintained the automated systems used to adjust the liquid level in the tanks for petrochemical industry
- PLC/Electrical/Electronic Troubleshooting, created the automation software and electronic printed circuits
- Used PCAN Explorer software for calibrating the Hook Load and Drill Bit Load readings passed through the PCAN MicroMod programmable controller
- Installed the Quadrature System sensors and the related electronic circuit for reading the piston depth
- Established and acquired the necessary materials and electronic pieces for creating the systems

Skills: Electrical Wiring · Electrical Engineering · Electrics & Electronic



Security Systems Engineer

Sea Protect Group

Feb 2017 - Apr 2018 · 1 yr 3 mos

Ploiesti, Romania

- Installed the video surveillance cameras, light barrier sensors, PIR motion sensors, smoke and fire sensors, timing systems
- Developed the network for the security systems in order to be accessed from the mobile phones or from computers belonging to other networks
- Did the daily checks of the systems in order to ensure the proper functionality



Computers Specialist

Self Employed

Jun 2009 - Apr 2018 · 8 yrs 11 mos

Ploiești, Prahova, Romania

- Computers hardware configuration and software installation
- Systems components assembling
- Operating systems installation (Windows XP, 7,8,10)
- Basic Local Area Network Configurations
- Computer troubleshooting
- Temporary part time job for configuring/installing the computers and their network in some local companies

Skills: Computer Hardware Configuration, Test & Troubleshooting



Automation Engineer

Aplast

Oct 2017 - Feb 2018 · 5 mos

Ceptura , Romania

- Ensured the functionality of the plastic welding and trimming machines for the double glazing windows frames
- Adjusted the axes parameters on the HMI for the automated machines
- Electrical issues troubleshooted

Skills: Electrical Wiring · Electrical Engineering · Electrics & Electronic

Experience



Automation Engineer

ENEVO Group · Full-time

Jan 2024 - Present · 1 yr 3 mos

Bucureşti, România · On-site

Development and implementation SCADA systems for high voltage stations:

Configuration telecontrol equipment RTU, SICAM A8000

Configuration SCADA application: SIMATIC WINCC + SCC software

Configuration RUGGEDCOM switches

Automation Engineer



IMSAT S.A. · Full-time

Jul 2022 - Feb 2024 · 1 yr 8 mos

Bucureşti, România

Implement and development hardware and software configuration for PLC/HMI/iPC Schneider Electric (Vijeo Citec, Machine Expert, Vijeo Designer Built-Runtime)

Development and implement SCADA Emerson (Progea-Movicon Next 4.0)

Configuration communication protocols: Modbus RTU protocol, OPC UA, Modbus TCP, RS232, RS485

Development and implement AMS system - Marine Application Projects:

ALARM MONITORING SYSTEM FOR REXDAN SHIP

SCADA FOR WATER SYSTEM - CTTA ALBA



Automation Engineer

Adrem Engineering · Full-time

Nov 2018 - Jul 2022 · 3 yrs 9 mos

Bucuresti

- Development and implement SCADA systems for 110/20 kV substations;
- Implement hardware and software configuration for RTU/PLC IDS 750/850;
- Configuration IEC communication protocols: IEC 60870-5-103, IEC 60870-5-104, IEC 61850, Modbus protocol;
- Tools used in order to improve my activity: IEC Browser, IEC Tester, Vinci, VMware, Putty, ACOS, PCM600, AcSELerator Architect, AcSELerator QuickSet, SFT2841.

Engieer(Supervisor)



Schindler Group · Full-time

Aug 2017 - Nov 2018 · 1 yr 4 mos

Bucharest, Romania



Eletrical Engineer

TIAB

Nov 2015 - Aug 2017 · 1 yr 10 mos

Ploiesti

Experience



SCADA Power System Engineer

Eximprod Grup · Full-time

Mar 2017 - Present · 8 yrs 1 mo

Bacau County, Romania



Power System Engineer

OMV Petrom

Jan 2015 - Feb 2017 · 2 yrs 2 mos

Moinesti, Bacau

- Ensure compliance with Romanian laws & regulations, European standards and Company philosophies/standards/specifications in all projects.
- Participate in assessments and audits, report and memos.
- Data collection from Operating Areas and Units for specific projects.
- Participate to the analysis of the existing facilities in Petrom E&P and proposes process improvements, de-bottlenecking, upgrades to efficiently decrease operations costs and enhance productivity/efficiency of plants/equipment



SCADA Power System Engineer

Eximprod Grup

Mar 2013 - Dec 2014 · 1 yr 10 mos

Iasi County, Romania

-implementation of SCADA systems Development, integrate and test software application for power industry;

-knowledge of IEC 61850, IEC 60870-5-101/103/104, SNMP;

COMPUTER SKILLS:

-Microsoft Office;

-SIEMENS(SICAM PAS, WINCC, SPECTRUM POWER);

-EFACEC (CLP 500);

-DIgSILENT.



Student practicing

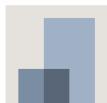
E.ON UK

Jul 2011 - Sep 2011 · 3 mos

Iasi (Romania)

Program activity took place during the July 25 to September 24 in the department of special services, which includes teams PRAM SCADA (Supervisory Control And Data Acquisition) and AMC (Authorization Metrological).

Experience



M.A.R.S.A.T. S.A.

Full-time · 5 yrs 10 mos

- **SCADA Manager**

Jan 2022 - Present · 3 yrs 3 mos

Bucharest, Romania

- Coordination of SCADA and PLC programming team;
- Programming PLC, SCADA, Switch, HMI, Inverter;
- Building simulations of PLC systems for ongoing projects;
- Development of solutions for tenders;
- Tendering;
- Maintain relations with collaborators;

❖ Process Automation, SIMATIC STEP 7 and +14 skills

● **Automation and SCADA Engineer**

Jun 2019 - Jan 2022 · 2 yrs 8 mos

Bucharest, Romania

- Provision of training course for future operators, based on SCADA and automation systems, carried out within the framework of the modernization of the Lebedinsky GOK iron ore quarry;
- Testing of the implemented automation systems, signals acquired from the field and SCADA system;
- Execution of the commissioning and start-up of automation and SCADA systems;
- Dupline programming for conveyor belts;
- Implementation of redundant FO ring network for PROFIBUS;
- Programming of PLCs and numerical equipment for integration into new or existing SCADA systems.
- Development of SCADA system for Lebedinsky GOK iron ore quarry, Russia.
- Programming of SCADA scripts (Wincc 7.5) to implement 24 automation operating modes in Lebedinsky GOK iron ore quarry, Russia.
- Electrical schematics using Autocad Electrical;
- Simulation of medium voltage station using ETAP and development of medium voltage settings for 32 bays;
- Development of Intercom system architecture in AUTOCAD;
- Development of the FO architecture of the automation system with redundant ring;
- Siemens and Antaira switches programming;
- Development of scripts (Tia Portal 15.1) for redundant connection of HMIs to PLC S7-400H.
- Programming in Simatic Manager of the automation logics for the protection of the equipments in different failure situations;

▽ Process Automation, AutoCAD and +15 skills



Transelectrica S.A.

5 yrs 4 mos

Bucharest, Romania

- **Power Grid Expert**

Full-time

Aug 2018 - Jun 2019 · 11 mos

- Proposal and implementation of solutions for upgrade of existing systems;
- Participation in FAT and SAT; -Replacement for Service Chief;
- Coordination of the maintenance team;
- Programming of new/refurbished digital terminals;
- Implementation of regulation orders issued by DEN, DET, ENEL.
- Downloading the records from the medium and high voltage protection terminals;
- Incident analysis;
- Remediation of communication and SCADA systems from high and medium voltage substations;

▽ **SCADA, Communication Protocols and +5 skills**

- **SENIOR SPECIALIST ENGINEER**

Full-time

Nov 2017 - Aug 2018 · 10 mos

- Replacement for Service Chief;
- Coordination of maintenance team;
- Participation in the commissioning and start-up of 20kV Bucuresti Sud substation;
- Participation in commissionining and start-up of Fundeni-Brazi Vest 220kV teleprotection system;
- Verification and supervision of the teams of contractors involved in the process of upgrading the teleprotection system on the 220kV Fundeni-Brazi Vest line;
- Programming of new/refurbished digital terminals;
- Implementation of the regulation orders issued by DEN, DET, ENEL.
- Downloading of the records from the medium and high voltage protection terminals;
- Incident analysis;
- Remediation of communication and of the SCADA systems from the high and medium voltage substations;
- Participation in FAT and SAT;

👉 **Sigra, Diasi and +5 skills**

● **Protection, Automation and Command System Engineer**

Mar 2014 - Nov 2017 · 3 yrs 9 mos

- overseeing and coordinating the maintenance teams;
- drawing and implementing electric plans for the protection, automation and command circuitry;
- implementation of settings in the protection relays whenever is needed;
- identifying the cause and solution finding in case of power line failure;
- create, organize and maintain update the database that contains the project files for the power stations;
- create technical instructions that explain the use and debugging of the Protection, Automation and Command System;
- participation in Engineering Meetings regarding the future projects;
- participate at Factory and Site Testing of the equipment that will be used.

50.

Experience



Scada Engineer

Hitachi Rail

Jun 2024 - Present · 10 mos

Subway/Metro SCADA Systems solution builder
ATS and SCADA systems set up
Interpret specifications/signal list/CAD drawings
Draw-up HMI screens, manage signals/events/alarms list
Implementation and testing

▽ System Control and SCADA



Scada Engineer

Thales

Jan 2019 - May 2024 · 5 yrs 5 mos

Bucharest, Romania

Subway/Metro SCADA Systems solution builder
ATS and SCADA systems set up
Interpret specifications/signal list/CAD drawings
Draw-up HMI screens, manage signals/events/alarms list
Implementation and testing

▽ System Control and SCADA



IT Consultant R&D Department

RBC, Inc.

May 2017 - Feb 2019 · 1 yr 10 mos

Bucharest, Romania

IT Consultant - explain terms and best practices in the fields of Programming, Databases, Internet, Ethernet, Digital Security, Digital Certificates to other team members

Test Platform Design Lead - interpret client or legislation requests in order to design tests that prove the product is compliant

Testing Lead - run tests, observe result, maintain bug list, interact with development team to assure bugs are fixed

Train internal and external development teams about legislation requirements and application flow



Automation / SCADA Team Leader

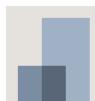
EFACEC

May 2013 - May 2017 · 4 yrs 1 mo

Bucharest, Romania

responsibilities:

- design / implement SCADA and HMI on UC500 industrial embedded servers
- implement hardware configuration, I/O List, communication, automation routines and HMI design on BCU500 and DCU500 bay control unit equipments
- implement redundant ethernet network, setup and program Siemens (Ruggedcom) and Moxa switches
- implement IEC 61850, IEC 60870-5-101/104, Modbus, NTP/SNTP and SNMP communication
- field commissioning



Automation engineer

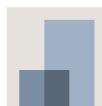
S_IND Process Controll

Nov 2011 - Apr 2013 · 1 yr 6 mos

Bucharest, Romania

responsibilities:

- drawing-up automation themes
- drawing-up lists and features for necessary automation equipments
- drawing-up price offers
- designing automation cabinets (dimensions, equipment placement, list of connexions, list of cables, functioning schematics)
- drawing-up hardware configurations
- drawing-up I/O lists
- implementing automation routines, interlocks, functioning algorithms, PID regulators
- designing / implementing graphic interface / HMI
- tests log, testing assistance, application start-up
- automation project global maintenance



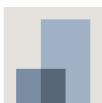
Automation / SCADA engineer

ICPE-CA

Aug 2009 - Dec 2009 · 5 mos

Bucharest, Romania

- drawing-up hardware configurations
- drawing-up I/O lists
- implementing automation routines, interlocks, functioning algorithms, PID regulators
- designing / implementing graphic interface / HMI
- tests log, testing assistance, application start-up
- compile research articles



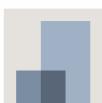
Programmer

UTI Romania

Mar 2006 - Jun 2006 · 4 mos

Bucharest, Romania

designing system architecture, functioning algorithms, JAVA SmartCard programming, JCop



Programmer

Sagbim Turkey

Jan 2005 - Jun 2005 · 6 mos

Bucharest, Romania

Java / HTML programmer