

GOURAB KUMAR AMIN

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Diploma in Instrumentation Technology, currently working in Vision CompTEL as Sr. Application Engineer with total 9 yrs of experience.

A BRIEFOVERVIEW

- ❖ Over 9 years of Experience in Instrumentation, Controls & Automation Systems
- ❖ Strong background in the Metal , Infrastructure& Utility , Semiconductor Industries
- ❖ Proven skills
 - * Ladder & FBD Programming for PLC, SCADA & Communication Network Establishment
 - * AutoCAD
- ❖ Project Management Skills
- ❖ Professional communication skills include fluency in English, Hindi and Bengali
- ❖ Diploma in Instrumentation Technology

CAREER OBJECTIVE:

Intend to build a career in Automation industry with leading corporate, committed & dedicated people, which will help me to explore myself fully and realize my potential willing to work as a key player in challenging & creative environment.

WORK EXPERIENCE & JOB RESPONSIBILITY:

- I. **Current Organization : VISION COMPTEL (System Integrator of Rockwell Automation Inc.)**
Designation and Duration: Senior Application Engineer from July 2014 to present

Job Responsibilities:

- ❖ Consultation for Control Systems
- ❖ Power & Control Circuits, System Architecture and Detailed Engineering Drawings
- ❖ Development of Control System Software
- ❖ Factory & Site Acceptance Scheme Development & Implementation
- ❖ Site Commissioning activities
- ❖ Developed Maintenance and Operating Manuals for Control Systems
- ❖ Present Project: Continuous Casting Plant Commissioning.

- II. **Previous Organization : Epcos India Pvt. Ltd. [A TDK-EPC Corporation]**
Designation and Duration: Engineer from August 2012 to June 2014

Job Responsibilities:

- ❖ Low Voltage Transformer Manufacturing Department [Winding & Soldering Section].
- ❖ Development of PLC Motion Program for various products.
- ❖ Maintenance OF Nittoku makes Winding Machine & Yaskawa PLC.
- ❖ Use MPE720-5.44 Software For Motion Programming & PROFACE Scada.
- ❖ Maintenance & Troubleshooting of Production Line with maintain quality Norms.

ADDITIONAL TRAINING:

Training Subject:Winding & Taping Machine Motion Programming & Maintenance

Elective Subject:Machine Installation, Programming, troubleshooting& maintenance.

Plant: TDK Xiamen Co. Ltd. (Jimei District, Xiamen, Fujian)

People Republic of China

Duration: 20 Days

III. Previous Organization : SARDA ENERGY & MINERALS LIMITED , RAIPUR

Designation and Duration: Asst. Engineer–E&I from August 2011 to July 2012

Job Responsibilities:

- ❖ Maintenance & Troubleshooting Electrical & Instrumentation work of 6 MTPA Palletizing Plant.
- ❖ Working with Schneider Electric provides Drive, PLC, SCADA in Pellet Plant, Wagon Tripler.

IV. Previous Organization : THERMAX LIMITED [UNDER SNS INDUSTRIES], TATANAGAR

Designation and Duration: Automation Engineer from June 2010 to July 2011

Job Responsibilities:

- ❖ Maintenance & Troubleshooting of automation part in utility Plant (RCPH, Cooling Tower, Fire Fighting System, and DM Plant).
- ❖ Supervision of Pre Water Treatment Plant Automation at JUSCO Site, Tatanagar.

V. Previous Organization : ADS Corporation, Kolkata

[Deputed at Vedanta Aluminium Ltd. - CPP (135MW), Jharsuguda

Designation and Duration: Supervisor from September 2008 to May 2010

Job Responsibilities:

- ❖ Supervision of E&I Erection Jobs.
- ❖ Cable Laying & Termination
- ❖ Calibration of Pressure Gauge, Vacuum Gauge Etc.

MAJOR PROJECTS HANDLED:

INTERNATIONAL PROJECTS

Project Name	Gas Fired Walking Beam Type Furnace For Bar Heating Unit 1&2
Customer	Tenova LOI Wesman & Hill Acme-Canada
End User	Aceros Chilca , Peru, South America.
Scope	Panel Testing, I/O testing, PLC Logic, HMI application development, Commissioning, Project Documentation.
Project Systems	<ul style="list-style-type: none">❖ ControlLogix 1756-L71, Micrologix 1400❖ Factory Talk View Studio SE/ME V 8.00.00, Panel View Plus 1000.❖ Ethernet, Fiber optic , Profibus (For BCU Module Using Anybus Module)❖ 1794 Flex I/Os
Responsibilities	<ul style="list-style-type: none">❖ Building up the communication between all areas through Ethernet and Fiber Optic and Profibus through Anybus Module for Burner Control Units.❖ Building up the ladder logics, Scada, HMI for different areas.❖ Parameterizing the 18nos VFD [Powerflex 753] with DBR facility using Drive Executive.❖ Commissioning of Furnace heating Process and Material Handling.❖ Commissioning the areas in Auto/Man Sequence and material positioning in furnace.❖ Data Logging & Monitoring of various process parameters& Production Data.❖ Report Generation for the same through Microsoft SQL Server 2008 R2 in both periodic and event purpose.❖ Bar length Measurement & Tracking System (Logic prepared in RSLogix 5000 for tracking & monitoring the bars Discharge, Reject and Inside Furnace).❖ GAS and KWH Consumption monitoring & Report generation.

Project Name	Modernization Of Rolling Mill, Central Trinidad Steel Limited, Trinidad & Tobago (Caribbean Island) , West Indies
Scope	Project Designing, Panel Testing, I/O testing, PLC Logic, HMI application development, Commissioning, Project Documentation.
Project Systems	<ul style="list-style-type: none"> ❖ CompactLogix 1769-L33ER, 1769-L36ERM PLC, Micrologix 1400 ❖ Factory Talk View Studio SE/ME V 7.0, Panel View ❖ Ethernet, Fiber optic ❖ 1734 Point IO
Responsibilities	<ul style="list-style-type: none"> ❖ Building up the communication between all areas through Ethernet and Fiber Optic ❖ Building up the ladder logics, Scada, HMI for different areas ❖ Configuration of Point I/Os ❖ EOT Cranes, BRC Stacker Commissioning ❖ Commissioning the areas in Auto/Man Sequence from Scada through PLC ❖ Vibration Monitoring System Commissioning ❖ Data Logging & Monitoring of various process parameters ❖ Report Generation for the same through Microsoft Access in both periodic and event purpose ❖ Billet Tracking (Logic prepared in RSLogix 5000 for tracking & monitoring the billets inside the furnace & other areas outside of the furnace till preparation of the final product)

DOMESTIC PROJECTS

Project Name	Fuel Oil Unloading & Storage System, Durgapur Projects Limited, India
Scope	Project Designing, Panel Testing, I/O testing, PLC Logic, HMI application development, Commissioning
Project Systems	<ul style="list-style-type: none"> ❖ ControlLogix 1756-L61 (Redundant System), Micrologix 1400 ❖ Scada System (Factory Talk View 7.0) ❖ Ethernet, Fiber optic ❖ 1794 Flex I/Os
Responsibilities	<ul style="list-style-type: none"> ❖ PLC Logic, Scada development & graphics testing, ❖ Configuring redundancy between two processors ❖ Communication establishment with other systems (BHEL DCS) through Modbus TCP via fiber optic ❖ Messaging between CompactLogix & Micrologix ❖ Data Logging, Monitoring & Report Generation of various process parameters through Microsoft Access

Project Name	Boiler Burners Commissioning at Essar Power,Paradeep
Scope	PLC Software & SCADA Development , FAT and Commissioning
Project Systems	<ul style="list-style-type: none"> ❖ RSLogix 500 V9.0 ❖ Micrologix 1400 [1766-L32AWA] ❖ SCADA – Factory Talk View (ME) V7.0 ,Panel View 1500 ❖ Ethernet
Responsibilities	<ul style="list-style-type: none"> ❖ PLC Software Development with Rockwell software RsLogix 5000 ❖ Development of Factory talk view SCADA ❖ Documentation of the project

TECHNICAL KEY SKILLS:**Allen Bradley Hardware:**

CONTROLLER: ControlLogix: 1756-L61, L71, L72 / CompactLogix: 1769-L33ER, L36ERM, L24ER, 1768-L43
Micrologix: 1100, 1200, 1400

HMI: PanelView Plus: 600, 1000, 1200, 1500

DRIVES: Powerflex: 40, 70, And 525, 753

Allen Bradley Software:

PROGRAMMING: RSLogix5000 V18, V19, V20, V21 / RSLogix500V8.40, V9.0/ RSLogix5 V7.4

SCADA – HMI: Factory Talk View SE/ME V6.0, 6.1, 7.0, 8.0. & RSView 32V7.2

DRIVES: Drive Executive, CCW (Connected Component Workbench)

OTHERS: Factory Talk Transaction Manager, Factory Talk Gateway, RS NetWorx, RsLinx.

Protocols / Standards	<u>CIP (COMMON INDUSTRIAL PROTOCOL)</u> Ethernet TCP/IP ControlNet	<u>Modbus</u> Modbus TCP/IP Modbus- RS485	<u>Serial</u> RS 232 DH+ and DH 485
Other Software & Industrial Instruments	<u>Industrial Instruments</u> Control Valve Pressure / Temperature Transmitters Solenoids, On-Off Valve Pressure Switch Proximity Sensor Controllers (Flow, Pressure, Temperature)		<u>Design Softwares</u> AutoCAD

EDUCATIONAL CREDENTIALS

- ❖ **Diploma in Instrumentation Technology** having 69.2% marks in 2008.
- ❖ **Class 10th** from Chakdah Ramlal Academy, Chakdaha, W.B.B.S.E Board in 2004. Scored 60.8%.

PERSONAL DOSSIER:

Name:	GOURAB KUMAR AMIN
Father's Name:	GOBINDA CHANDRA AMIN
Date Of Birth:	December 1, 1988
Nationality:	Indian
Sex:	Male
Linguistic Skills:	English, Bengali and Hindi
Passport No.:	J1012890
Expiry Date:	09-11-2020
Permanent Address:	Vill- Subhasnagar, P.O.- Chakdaha, Dist- Nadia, PIN-741222(W.B)
Location Preference:	Ready to Relocate anywhere in India & Abroad.

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:

Place: Kolkata

Gourab Kumar Amin