

Raghavendra Pokuri

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**Seeking assignments in Industrial Automation/ Process Automation/
Instrumentation & Control Systems Engineering with an organization of repute.**

PROFESSIONAL SYNOPSIS

- Industrial Automation Technical Expert with relevant 8+ years of experience in Application and Commissioning of Industrial automation systems.
- A dynamic professional with rich experience in handling Industrial Automation Service issues & projects with key focus on top line profitability as well as optimal utilization of resources.
- Comprehensive exposure in handling the operations pertaining to planning and arranging of project related activities i.e., making project concept design, electrical drawings, etc.
- Efficient in installation / commissioning & startup activities at the site of Automation and Control Systems including Control Panel & Wiring Diagram Design along with loop checking of various instruments, calibration of field equipment's implementation for smooth operations in adherence to the standards and specifications.
- Developed competency of working in a performance-driven culture for ensuring accountability and personal ownership, leading and motivating members to achieve goals profitably in coordination with suppliers, vendors, and customers.

KEY SKILLS

- Installation and Commissioning
- Project Coordination
- Validations & Testing
- Resource Optimization
- Reporting & Documentation
- Data Analysis & Control, Control System Maintenance
- Automation Software Development (Bugs Identification FB testing and development)
- Technical Support, Technical Sales Support, After Sales Support, Service Support, Online Troubleshooting

TECHNOLOGY OVERVIEW

- **Control panel** – Design, preparation of electrical circuits.
- **PLC Programming** – Rexroth Bosch, Siemens S7-200, S7-1200, Omron, Allen Bradley, Delta, GE Versama.
- **Motion Programming** – MLC, Drive Technology, Synchronization, Interpolation, Electronic Cam.
- **SCADA Software** – Win studio (Bosch Rexroth), Cimplicity (GE), Astra.
- **Protocols** – RS232, RS485 MODBUS-RTU, TCP/IP, SERCOS, PROFINET, PROFIBUS, ETHERCAT, ETHERNET-IP, OPC (UA, DA).
- **VFD, Stepper Motor/Drive.**
- **Languages** – Ladder Logic, Structure Text, VB Script, SFC.
- **OCI, I4.0, IOT**

ORGANIZATIONAL EXPERIENCE

Bosch Rexroth India Ltd, Bangalore - Aug'14 to till date

Designation: Application Executive (Industrial Automation)

- 6 years of experience in Servo Drives, VFD and Control Technology.
- Expertise in Logic Building for automation, food, pharma, packaging, Handling, Gantry, Synchronization Applications, Automotive, and SPM etc.
- Undergone different trainings for project management, effective communication, compliance.
- Coordinating with customers, understanding their technical requirements.
- Key responsibilities in Project Planning, Panel Designing, Logic Building, Programming, Troubleshooting, Training OEMs, Product promotions, Documentation etc.
- Co-ordination with other application and service engineers to update the current developments that had done in the latest automation technology to be aware of the product developments and conveying the information to clients.
- Coordination with development team regarding new application requirements, current features and technical issues in order to bring the product reliability and development to the next level.
- Hands-on VFD drives and central support to all regional engineers. Good experience in working with the AC Drives, Stepper motors, Instrumentation products.

Agraj Automation, Bangalore - Mar'12 to Aug'14

Designation: Project Engineer (Industrial Automation)

COMMISSIONED PROJECTS SUMMARY

- Granite Polishing Machine, Energy Efficient Plant ,Endurance Testing Machine, Speed Tester Machine, Fuel Rail labeling Machine, Laser Marking Machine, Auger Filling Machines, Gantry Applications, Auto screwing Machine, Chip Welding Machine, Cut to length machines, Wiper Assembly Machines, Spindle Applications.
- Complete electrical installation, including VFD 's Installation and commissioning in different "Process Automation" applications like Packing machines (Liquid, Powder, Pickle Filling), Reactors, Extruder, Pumps, Fan and Blowers.
- EPS (Electronic Power Steering Connector) Pin bending Automation using PLC, HMI & Stepper drive & Motor
- EPS (Electronic Power Steering Connector) Connector Test -Harness, High Voltage and Vision System automation using PLC & SCADA.
- Automation of Sheet Loader Machine: Sheet Loader Machine was used to store metal sheets in production firms. Worked as project leader in automation of Sheet Loader Machine with 13 bins to store the sheets.
- Staggering and Height Checking unit for Stator and Rotor using PLC, Load cell, linear scale meter, & Sensors.
- Automation for multi drilling and tapping in micro size component. Automatic feeding, drilling & ejection of brass components using PLC, Multihued drilling motor & Pneumatics cylinders.

- Plant automation for water flow control by using PLC, HMI, Flow meters, flow switches for food industries. Automation for chemical tank temperature & flow level maintaining system using PLC, Flow meter, Temperature Controller & Sensors.
- Alarm Annunciations to display air flow through the AHU's in pharmaceutical plant. Diaphragm pressure switches were used to find the blower ON/OFF conditions.
- Handled different types of Poka Yoke Systems using relay logic, PLC, Sensors, etc.
- Building Automation: Rolling Shutter and sliding gate automation using special purpose motors. Executed projects in building automation using Human and Motion Sensors.
- Changing Relay Logic Control of machines to PLC Controls. Changing Clutch Systems in Conventional Mechanical Machines to VFD Control.

ACADEMIC QUALIFICATIONS:

- Bachelor's Degree in Electrical and Electronics Engineering from Bapatla Engineering College, in 2010 with 60%.
- HSC from Sri Sai Jr College, Bapatla with 70% in 2006.
- SSC from St. Paul's High School, Bapatla with 75% in 2004.

PERSONAL DETAILS

- Present Address : C/O Venkata Pradeep Atmuri, Flat No:305, SMS Orchid Apartment, 123/4, 3rd Main Road, Kodigehalli Main Road, Eco Hypermarket Opposite Road, Bethel Nagar Road, Satyasaibaba Layout, K.R Puram, Bengaluru-560036.
- Date of Birth : 08-02-1988.
- Marital Status : Single.
- Passport : Available.
- Languages : Telugu, English, Hindi & Kannada.

Declaration

I consider myself familiar with engineering aspects. I am also confident of my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Yours Sincerely,

Place: Bengaluru.

(Raghavendhra P)