AREAS OF

EXPERTISE

*Electrical engineering*

*Software engineering*

*Quality engineering*

*Maintenance programs*

*System engineer*

*Policy implementation*

*Planning activities*

*Diversity issues*

*Retail environment*

*Office administration*

*Supervising*

Sachin

[Sachin.373430@2freemail.com](mailto:Sachin.373430@2freemail.com)

Electrical /Design-Maintenance engineer

PERSONAL SUMMARY

A competent electrical and industrial control engineer with a comprehensive knowledge of designing, developing and maintaining electrical/control /instrumentation systems and components to required specifications, focusing on economy, safety, reliability, quality and sustainability. A consistent track record of successfully completing projects from the concept and detail of the design through to implementation, testing and handover.

Having a comprehensive understanding of electrical, health and safety regulations, Sachin is currently looking for a suitable electrical and Control engineering position.

CAREER HISTORY

***Pepsi Co ADRC- Abu Dhabi Electrical and Control Engineer*** May 2015 – April 2017

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***Devi Enterprises private limited –India C&I Engineer***

April 2013 – April 2015

JOB FUNCTION

* Program, service, repair and maintain instrumentation, electrical and process control related equipment on production lines.
* Follows departmental troubleshooting and escalation guidelines to avoid extended periods of down time.
* Troubleshoot circuits through various control systems such as panel view 600 &1000, Factory talk view &batch, Allen-Bradley Micrologix1000, 1200, SLC- 505, Compactlogix and control logix, Siemens s7 400, 300, 1200, 1500 range PLC, WinCC-HMI.
* Reads technical and maintenance manuals as required addressing equipment and instrument failures.
* Using P&IDs, Single Line Diagrams, Electrical Schematic, and other drawings and technical information, perform troubleshooting of instrumentation circuit and equipment.
* Perform test and calibrations of process control instruments.
* Operates electronic test equipment, as well as laptop computers for use as trouble shooting tools for online trouble shooting of PLCs and SCADA systems as well as other related equipment which can be accessed from a laptop computer.
* Installs instrumentation including but not limited to, Circular chart recorders, Controllers, Flow-Meters, Level Controllers, Displays, PLC and Ink jet coding equipment.
* Communicates with planners when appropriate, orders returns part and materials through SAP.
* Overall goal is to optimize machine operation time by minimizing downtime due to system deficiencies.
* Use knowledge of electronic, pneumatics, hydraulics, electro-mechanic and motor –drive control systems to quickly solve production break downs.
* Maintains logs and records through CMMS.

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PERSONAL SKILLS

*Critical thinking*

*Professional conduct*

*Sense of humor*

*Teamwork*

*Perseverance*

*Attention to detail*

*Confident*

*Creative energy*

*Positive attitude*

PERSONAL DETAILS

*Sachin Poyil*

*Chekyad post*

*Parakkadavu*

*Calicut*

KEY SKILLS AND COMPETENCIES

* PLC and SCADA, HMI and DCS Programming

[SIMATIC STEP 7 SOFTWARES, WinCC, Sinamic starters, PCS 7 tools, Micrologix 5000,500,Delta WPL,IFIX, CITECT]

* Electrical and instrumentation installation and wiring terminations.
* Industrial communication and networking

[Net work topology and strong troubleshooting skills over EthernetIP, Cotrol Net, Device Net and ASi networks]

* Siemens drive applications/ commissioning activities.

[Siemens MM 440, MM420, DELTA -VFD, Allen –Bradley Power Flex4, 40, 70& 700].

* Siemens RTU commissioning activities.
* Control panel design.
* E-plan, PRIMAVERA, CAD Electrical, Cad-eSimu software’s.
* Proven skills in operating DMM, Clamp Meter, Megger clamp amp meter, HART communicator and multi –process calibrator.
* FAT /SAT procedure.

ACADEMIC QUALIFICATIONS

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| ***Cochin University of science and technology*** | ***2009- 2013*** |

Electronics & Communication Engineering (ECE) @ Division of Electronics-School of Engineering -CUSAT

Post Graduate Diploma in Industrial Automation (PGDIA) @ SMEC LAB -INDIA

*Nationality: Indian*