

UNNIKRISHNAN

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CAREER OBJECTIVE

Seeking a challenging position in the field of my passion Electrical and Automation Systems, that offers further vertical growth in responsibilities, a lateral growth in terms of exposure challenging tasks in a progressive and professionally managed organization, while being resourceful, innovative flexible; to achieve professional growth and job satisfaction here off.

WORK EXPERIENCE

**Company: Axim Automation Technologies Private Ltd, Bangalore, Karnataka. (09/04/2015 to 09/07/2017)**

**Profile: Electrical and Automation Engineer.**

Duties and Responsibilities:

* Developing of PLC program equipping with PLC/HMI according to client’s requirements.
* Designing of SCADA based application Screens.
* Design of Electrical Layout & Electrical Single Line Diagram.
* Motor Control Panel & Control Panel designing, loop checking and validation.
* LT/HT panel designing of various solar power plants.
* 11kV & 66 kV switch yard operation and maintenance.
* Supervision of all Instrumentation activities viz. Calibration, Tube & Cable Laying and PID‘s etc.
* Process control automation in material handling in CHP and AHP systems in Thermal Power Plants.
* Operation and Maintenance of Electric Drives.
* Supervision of Electric Machines operations.
* Document preparation – Electrical Equipment testing procedure, inspection procedure & Handling Site Execution, Supervision and Safety implementation.
* Participating in time to time review meetings of the completion of the project.
* Inspect the status of work at project site on weekly basis; estimate any variation & obtaining necessary approvals by client side.
* Maintained configuration management and programing documentation.
* Assured technical feasibility, adequacy and support to the clients.

Projects handled:

1. 160 MW Solar power Plant in Punjab & Andhra Pradesh, India.
2. CHP and AHP Systems in 500 MW Thermal Power Plant in Shirpur , Maharashtra, India
3. Boiler System Automation in Bhopal, Madhya Pradhesh, India.
4. Water Treatment Plant in Chaerthala, Kerala, India.

TECHNICAL PROFICIENCY

* Programmable Logic Controllers(PLC) - TIA Portal, Allen Bradley micrologix 1400, Schneider Electric Twido, Siemens Simatic S7-300,Omron Sysmac CP 1E, General Electric PME, ABB 07KR51, Delta DVPEX2.
* Supervisory Control and Data Acquisition (SCADA) - Invensys Wonder ware In touch, Schneider Electric Vijeo citect, Siemens Simatic Wincc, GE- CIMPLICITY, Rockwell Automation Factory Talkview.
* Electrical Auto CAD Auto Desk 2015
* Variable Frequency Drive(VFD) - Schneider Electric Altivar series & Allen Bradley Power flex.
* Distributed Control System(DCS) - Honey well plant cruise C300 Series
* C Programs, Visual Basics, Microsoft SQL Server Management Studio, MAT LAB & Microsoft Office.

ACADEMIC QUALIFICATIONS

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| Course | Subject/Branch | University/Board | Name of Institution | Year of passing | Percentage/GPA |
| B tech | Electrical & Electronics | Kannur University  Kerala, India | LBS College of Engineering,  Kasaragod, Kerala | 2015 | 73 |
| Plus two | PCM/Biology | Board of higher secondary education,  Kerala | H H S I B S, H S S Edneer,  Kasaragod,  Kerala | 2011 | 90 |
| SSLC | PCM/General | Board of public examination, Kerala | Govt.V H S S  Iriyanni,  Kasaragod,  Kerala | 2009 | 90  (9A+,1A) |

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PERSONAL DETAILS

* Date of birth : 03-02-1994
* Languages known : English, Hindi, Tamil, Kannada & Malayalam.
* Nationality : Indian

DECLARATION

I hereby d I hereby declare that the details furnished above are true to best of my knowledge and belief.