**Rajesh Kumar**

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| **PROFESSIONAL SUMMARY** |

A complete technocrat with 9 years of experience in areas of Electrical and Automation Industry in terms of Design and development, Business development, Project management, Application engineering and Procurement.

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| **QUALIFICATIONS** |

* Higher Secondary from CBSE Board
* SSC from CBSE Board
* Bachelor in Electrical & Electronics Engineering from Dr. MGR Chennai.

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| **SKILLS** |

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| * Pro-E Wildfire 4.0/Creo Parametric 2.0 | * PC Schematic, Visio |
| * SAP (SAP PLM, Wind chill) | * Microsoft Tools |
| * AutoCAD |  |
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| **KEY RESPONSIBILITIES** |

* Responsible for execution and coordination of large, strategic and complex Low Voltage & Medium Voltage projects.
* Lead and Manage project teams from various functional groups and 3rd Party suppliers, while maintain overview and communication of assigned projects.
* Responsible for 3rd Party equipment, purchases and technical-commercial monitoring.
* Ensure completeness of information and identification of projects risks.
* Responsible for meeting and exceeding set project margins. Monitor and reconcile actual project estimates.
* Provides in depth and advance knowledge in the project management discipline.
* Identifies, manages and mitigates project risks, resulting in proactive contingency planning as required.
* Demonstrate a bias for action and issue resolution.
* Takes accountability for meeting deadlines and project requirements.
* Application Engineering of MV, LV Drives & Switchgear Panels
* Provide Sales Support for Business Development of LV & MV Drives
* Sales & Marketing, Costing & Estimation of VFD’s, Spares Parts & AMC orders
* Preparing Techno-Commercial Proposals & Quotations of VFD’s, Switchgear & PLC Panels
* Prepare **Material Requisition & Inspection Report**
* Customer Support & Management
* **Cost estimation** for different control panels
* Analyzing the Problem that arise during the production and getting the solutions from the client
* Providing **technical reports and documentation** according to company standards
* Programming of **PLC** for different Projects
* **PLC wiring & testing** of ladder Logic
* Building **wire harness** in **Pro-E WF4.0** and **Creo 2.0**

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| **Career Profile** |

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| Dates | Organization | Role |
| Feb 2016 – Till Date | Rockwell Automation | Lead Project Engineer |
| Oct 2013 – Feb 2016 | L&T Technology Services | Senior Engineer |
| Feb 2012 – Oct 2013 | Marine Electricals (I) Pvt. Ltd. | Design Engineer |
| Nov 2009 – Jan 2012 | Kudamm Corporation | Application Engineer |

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| **PROFESSIONAL EXPERIENCE** |
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|  | **Rockwell Automation (I) Pvt. Ltd.**  *Lead Project Engineer - Application | February 2016 – Present* |

• Engineering of VFD Panels (MV, LV, and PFDC Drive of Rockwell Automation), MCC panels including DOL starters, Star-Delta starters, Soft starter for LV & MV motors and Transformer feeder panels.

• Electrical Designing for LV & MV VFD’s, Soft Starters & Switchgear Panels using AutoCAD & Creo.

• MV Drives and MV Starters ARC Shield Panel design Engineering.

• Preparation of Layout & Single line diagram (SLD) for MCC & Soft Starter Panel.

• Project involve engineering of heat loss calculations, components selections, logic Development & AutoCAD designing work for Canada and USA.

• Drives & Automation engineering work under the CE, IEC, UL, and NEMA Standard.

• Prepare guideline and training for the sub-ordinates to improve the team performance.

• Preparing Techno-Commercial Proposals & Quotations of Industrial Products of Rockwell Automations and other Third party Items.  
• Coordinating with Sales team, Solution Consultants, Vendors & Distributors for Clarifications & Approvals of Proposal & Quotation works.

• Maintained a successful sales quarter with a high volume of proposals.

• Provide Technical Support to various Distributors for product selection as per applications.

• Deliver & execute the assigned projects on time with good quality/ cost effectiveness and customer satisfaction.

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|  | **Larsen & Toubro Technology Services**  *Sr. Engineer – Design and Development |October 2013 – February 2016* |

* We are providing Application Engineering for CENTERLINE2100 MCC’S with Device net, Ethernet, Modbus, communication system, PLC Automation and Automation Relay controls also.
* Checking of Schemes and structural drawings prepared by Review customer specification & electrical, develop detail engineering of MCC.
* Generate Panel general arrangement drawing master bill of material & control schematic using software applications, Citrix, AutoCAD, SAP, Web Browsing, Pro-E.
* Reading Schematic Drawing & Building wire harness in Pro-E WF4.0 and Creo 2.0
* Creo 3D routing, Flattening & Harness drawing creation.
* Create a manufacturing drawing of part, assembly and wire harness assembly as per client standard practice.
* Create and maintain checklists during quality checking to release error-free output.
* Upload and download of CAD files through SAP.
* Working as Offshore Coordinator with Rockwell Development Team, Distributors, and Management in terms of Design, Engineering, Development of Hi HP and OEM Drives.
* Preparation of project status report, Work scheduled Update Daily Report and Design Concept Review, Design Input Review PPT from Client.
* Design concept for breaker modification, Wire Harness Modification Input Study, Analysis of Replacement Breaker study document, UL Certification Approval Documentation Support and Final Release Document Preparation.
* Provided electrical support for Design and modification of schematic, wiring detail and generate bill of material for electrical control panels used in compressor packages.
* Review all electrical designs & documents w.r.t to customer requirement
* Visual indication of metric trends based on client database
* Responsible for daily allocation of project work among the team & planning for on-time deliverables
* Responsible for overall quality management of project
* Review customer specification & electrical drawing, develop detail engineering of MCC.
* Produce technical queries of plant & electrical equipment to enable production of control wiring diagrams.

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|  | **Marine Electrical (I) Pvt. Ltd.**  *Design Engineer | February 2012 – October 2013* |

* Designed Electrical Control Panels like MCC, PCC, VFD, Changeover Panel and soft starters.
* Calculation of Incomer as per feeder list provided by customer and designing the SLD, Panel general arrangement and schematics for the same using AutoCAD & Pc software.
* Design includes the making of Schematic General Arrangements, Circuit drawings including Single line diagram, wiring diagram of the Panels in AUTOCAD .Also making the Bill of Materials (BOM) of the Switchgears used in the panels.
* Ensuring compliance with the various technical requirements prior to the commencement of work.

**Kudamm Corporation**

*Application Engineer | November 2009 – January 2012*

* Review customer specification & electrical drawing, develop detail engineering of MCC.
* Produce technical queries of plant & electrical equipment to enable production of control wiring diagrams.
* Checking of Schemes and structural drawings prepared by Review customer specification & electrical, develop detail engineering of MCC.

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| **Technical Education** |
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**AUTOMATION EXPOSURE AT PRECON AUTOMATION & SYSTEMS PVT LTD:**

**PLCs:** Allen Bradley (Micrologix1000, SLC 5/03)

* Basic Ladder Logic Development
* Practical Knowledge of Basic programming instructions
* PLC Wiring and I/O addressing
* Sourcing & sinking concept

**SCADA:** Wonder ware’s In Touch

* Create new Application
* Define new tags
* Graphic animation linking Tags with different application
* Real Time Trends / Historical Trends
* Alarms