

CURRICULUM VITAE

N.KARTHIK

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Carrier Objective:

To attain a challenging position in Switchgear industry, which provides me an opportunity to improve my competency by leading a team with challenging goals in an organization.

Carrier Profile:

Organization : **VOLTAMP ENERGY SAOG, MUSCAT- OMAN.**

(Authorized Panel Builder of EATON & Schneider Electric)

Designation : Design Engineer

Duration : From June 2015 to Till Date

Responsibilities:

- Responsible for the Estimation & Design of Low voltage switchgear panels like MDB, SMDB, DB, Feeder Pillar, ATS, Synchronizing, MCC, PCC, PLC Control Panel.
- Involving technical review for new projects with Sales / Marketing, and interface with customers / consultants to prepare estimation for bid proposal
- Preparing the technical material submittal complete with drawings, Certificates and Catalogues for Consultant and Clients approval.
- Co-ordinate with Clients/Consultants to understand the drawings and specifications for designing of Single Line Diagram, Protection Schemes, General Arrangement, Foundation and Bill of Materials for Low Voltage (LV) Switchgear Panels.
- Preparing the co-ordination study and short circuit study.
- Designing the VFD Control Panels, Pump Control Panels and APFC on a project by project basis.
- Preparing the CT & VT Calculations & Heat Dissipation Calculations.
- To Co-ordinate with mechanical engineers for project related Mechanical design.
- To issue drawings (SLD, GA, Schemes, BOM, Wiring Schedule and Fabrication) for manufacturing.
- Handling design reviews with Customer's engineers, prior to manufacturing and completing project contract on time.
- To provide technical support to the Sales, Procurement, Manufacturing and Testing.
- Capable of designing & doing any electrical drawings in Eplan, Elecdes & AutoCAD.
- Implementation and adaptation of IEC, OES & ISO 9001 standards as part of Design, Engineering & Quality Policies.
- Maximize utilization of slow moving stocks in order to reduce statutory provisions.

Organization : **META SWITCHGEAR CO., RIYADH - SAUDI ARABIA.**
(Authorized Panel Builder of ABB, Siemens & EATON)
Designation : Design Engineer
Duration : From June 2012 to May 2015

Responsibilities:

- Analyze Enquiries and give technical inputs to Sales Engineers.
- Participate in Cost Estimations.
- Review data sheets & Customer's Specifications for designing of Single Line Diagram, Protection Schemes, General Arrangement, Foundation and Bill of Materials for Low Voltage Switchgear Panels.
- Meeting deadlines and scheduled dates for design & technical submissions in line with monthly, yearly production & sales targets through effective utilization of available resources.
- Review and GA, Schemes & BOM in Navision and amend wherever required.
- Liaise with Consultant & Client for drawing approval.
- Maintain updated status of all Drawings and external related Documents.
- Clarify if any technical clarifications from production/testing.
- Validate designs by successful completion of Panel testing.
- Participate in FAT & Resolve conflicts.
- Continuous improvement in Product Design so as to improve Product Quality in line with customer requirements.

Organization : **ELECDES SYSTEMS PVT. LTD, CHENNAI - INDIA.**
Designation : Jr. Design Engineer
Duration : From August 2010 to May 2012

Responsibilities:

- Preparation of Single Line Diagram, General Arrangement, Power Schematic, Control Schematic, Wiring Diagram and BOM for Low Voltage Switchgear Panels Using Elecdes Software.
- Preparation of (Elecdes Library) Blocks and Catalogs for Device, terminals & wires in Elecdes software.
- Preparation of Power & Control Schematics as per Customer SLD.
- Preparation of Wires & Cables Schedules Using Elecdes Software.
- Preparation of wiring diagrams & terminal diagrams Using Elecdes Software.
- Preparation of Bill of Materials (BOM).

Organization : **CLASSIC INDUSTRIES, COIMBATORE - INDIA.**
Designation : Electrical Draftsman
Duration : From July 2008 to July 2010

Responsibilities:

- Preparation of Single Line Diagrams, GA's for the LV Panels.
- Preparation of schematic wiring diagram for MDB, SMDB, MCC & ATS Panels.
- Preparation of power and control layout.
- Panel sizing, Breaker sizing and preparation of DB schedule.
- Capable of designing & doing any electrical drawings in AutoCAD.

Academic Chronicle:

- Diploma in Electrical and Electronics Engineering from AKP College with 81%.
- HSC from Rajah's Higher Secondary School with 78%.
- SSLC from KR. Hr. Sec School with 83.2%.

Software Cognizance:

- Elecdes-V8
- EPlan-P8 2.9
- AutoCAD-2018
- Electrical CAD
- X-Energy
- ProClima
- Ecodial
- Siemens Simaris sivacon

Personal Details:

Name	: N. Karthik
Father's Name	: L. Nalliappan
Date of Birth	: 07-12-1984
Permanent Address	: NO-8, Marutham Street, Krishna layout, Senthamil Nagar, Sivagangai-630561, Tamilnadu, India.
Gender	: Male
Nationality	: Indian
Marital Status	: Married
Passport No	: P7136840 (Validity up to 2027)
Driving License	: GCC License (Validity up to 2025)
Phone	: +968 96542140
Languages Known	: English, Tamil, Malayalam and Hindi

Yours Sincerely,

[N.KARTHIK]