

Suyog K. Gharte

Contact Information

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Educational Background	Personal Particulars
Bachelor of Engineering/Technology (B.E / B.Tech) or Equivalent Field of Study: Engineering (Electrical) (with Distinction) Major: Power system, Electrical Machine & Electronics University: University of Pune Post Graduate Diploma Management (International Business) Advance Diploma in Business Administration (with 1st Class) Institution: Welingkar Institution	Date of Birth : 28 July 1990 Nationality : India Gender : Male Marital Status : Married Passport No. : T6639807 (Expire on 27 th June 2029)

Employment History

1) Johnson Controls India Pvt. Ltd. (Pune, Yerawada)

Position Title : Associate Design Engineer III (Lead)
Industry : HVAC Product Manufacturer (North America)
Duration : 14th June 2018 to till date

Provide technical leadership and governance, support and decision making in the field of electrical equipment and systems. Maintain estimation for each project, throughput measurement for each team member, utilization map of each member, maintain proper risk matrix and risk mitigation plan. Guiding design team to achieve design target and project goals. To buildup team competency arrange training session, prepare design guideline, and standardize processes. Providing technical inputs required to cross-functional teams from conceptual to completion stage of the product development. Electrical design, development and sustaining work of JCI new series Rooftop packaged units from 3 TR to 150 TR. Understand requirement from client, prepare logic and develop/ modify controller for HVAC application. Selection of Connectors, wire lugs, control and power wires for wire harness. Find out new supplier for cost reduction in existing or in running projects. Prepare P&ID, Schematic drawing, Wire Harness, Super BOM's, GA, 3D wire routing & manufacturing drawings, technical and installation manuals. Prepare test plan for proto and CSA certification, validate results, taking approval from Inspection agency. Perform necessary design changes for points which were raised during certification. Knowledge of lean manufacturing principles, teardown analysis, structured problem solving tools, DFMEA, VAVE, root cause analysis. Implement mistake proofing tool Pokey Yoke and first pass yield for each task. Aware of CSA UL 1995 & 60335, NFPA, ANSI, NEMA, NSE standards, testing and Equipment approval process.

Projects – 27.5T to 50T RTU (P1 to P4) (5KA/ 65 KA system, CV, VAV, Intellispeed option, Economizer, Gas/ Electric Heat, Power Exhaust, Low Ambient, BAS , Hot Gas Reheat, Heat Pump, High Efficiency, FDD, Modulating Gas Heat)

2) Kirloskar Oil Engine Ltd. (Pune, Khadki)

Position Title : Application/ Control Engineer
Industry : Engine Manufacturer (Navy, Cost guard, Commercial Ship)
Duration : 2nd Jan. 2017 to 6th June 2018

In line with the mission & vision of the company identifying prospective clients & developing them to achieve Consistent profitability. Mapping the client requirement, providing the proposals & presentations, attained TNC & PNC. Launching new application/products as a part of marketing development effort. Continuous design improvement and cost reduction by using effective alternatives by supplier/vendor development. Localized supplier for controller, wire harness, sensors, make existing product compatible for serial communication, help to supplier for EMI-EMC testing & product certification. Conduct testing at supplier end before implement in product. Perform equipment validation with the help on data logger and finalize set points for sensors and switches and fix parameter for controller program. Selection of Engine & Generator, Design PLC or Microcontroller Based Engine Control Panel, LCP, RCP, Battery, Battery charger, Prepare wire Harness, sensor & switch selection and prepare installation & maintenance manual as per project requirement. Examined installations & operations ensure conformance to design & equipment specification & provided technical assistance to field personnel. Aware of BIS, ISO, ABS, IRS, DNV, LR, RINA standards and testing. Projects – P15 Beta, P17 Alpha , 900 T fuel barge , INS Sukanya, New series of fishing engines.

3) Marine Electricals Pvt. Ltd. (Mumbai, Andheri E)

Position Title : Project Sourcing Engineer

Industry : Electrical Panel Manufacturer, provide solution for turnkey projects

Duration : 14th to Apr 2014 to 22nd Dec 2016

Building & maintaining healthy business relationship with major clients. Prepare the system layout detail drawing & schematics. Load calculation, fault level calculation, heat dissipation calculation, selection of bus bar and cable, prepare GA, shock mounting selection, weight calculation for each project. Design Switchboard (MSB, ESB), Navigation & Lighting control Panel, all types of Starters and PLC base panels. Take follow up with COAE, Shipyard or approval agency for document approval process. Aware of Marine class, IEC 61439 rules & Familiar with JSSP5 (ET) & EMI-EMC test. Preparation of documents: QAP, FAT, HAT, Factory Setting, Compliance Matrix, Interface drawing, Instrumentation list.

Commercial Projects- GEPC, ZPMC, MFPV, 50DWT chemical tanker, 70M cargo vessel

Navy Projects- INS SUKANYA, P15 Alpaha, P15 bravo, SLPV, 1000 T Fuel Barge

4) Samcon Industrial Controls Pvt. Ltd. (Thane, Assangaon)

Position Title : Design Engineer

Industry : Electrical Panel Board Manufacturing

Duration : 25th Aug 2012 to 3rd Apr 2014

Production scheduling & SAP interface module. Interface with the customer & ensure meeting planned schedule of activities. Prepare periodic reports & update the relevant stake holders Co-ordinate with relevant departments for project execution. Design and testing of PCC, MCC, IMCC, High Mast, Feeder Pillar, ATS, PDB, LDB, High Mast, RIO Panel, AHU. Prepare Pre bid costing & technical offer. Site support after dispatch.

Projects- Bhushan Steel, Gharda Chemicals, JSW Marriot, Viraj Steel, Uttam Steel, Rajkot Diary

Additional Info

<p>1) Training Program Undergone:</p> <ul style="list-style-type: none"> a) EMC Sameer Chennai b) SIMOCODE Pro Siemens c) For Switchgear/ Electrical Equipment – Bussman, ABB, Schneider, Siemens, L&T, Danfoss, DEIF, Phoenix, Nidec, Baldar, Hartland, Sylmar, Heinzmann governor 	<p>2) Software Skills</p> <ul style="list-style-type: none"> a) Microsoft Project Document b) ERP – SAP, Oracle, Wind-chill (PLM), E fame, Alpha c) E-Plan d) Auto CAD – Electrical e) PC schematic f) MS-Office
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Availability : Immediately after notice period of 2 Month or Immediate by **notice period** buyout option.