

A solutions-driven individual with experience of more than 5 years in core Electronics and Electricals Systems. My interests lie in automation, high-voltage and technical analysis engineering. With hands-on experience as an Electronic Engineer, technician and Installation Engineer, I have acquired a wholistic knowledge of engineering practices, concepts and the ability to actualize theoretical applications has broaden my innovative thinking to provide solutions for complex project.

Professional Skills

- Technical expertise in high-voltage equipment
- Transformer design and assembly
- Schematic interpretation of projects
- Proficient in sales and marketing
- Proficient in technical analysis, Quality control, manufacturing and diagnostics
- Budgeting & forecasting for individual projects
- Configuration & Customization according to customer requests
- Reporting & Analysis
- Client and supplier Management

Professional Experience

Tortech Transformers, Sydney , AUS

02/2021 – Senior Electronics engineer and Project manager.

- Electronics engineer responsible for sales, marketing, technical assistance, testing and administration for projects as well as individual clients.
- Involved for reporting and analysis of projects and predicting annual tasks and activities.
- Communication with suppliers and clients equally to maintain relationship.
- Using MYOB accounting software for quotations, orders and invoicing of various projects.
- Using BricsCAD to draw and design transformers
- Using traditional calculations to understand internal heating and confirm specifications of a transformer.
- Understanding material science to design an efficient and long lasting product.

Appliances R Us, Sydney , AUS

02/2019 - 02/2021 , Technician and Appliance consultant

- Installation of domestic daily use appliances such as dishwasher, oven, rangehood, cooktops.
- Diagnosed, resolved problems and overall store support and installations.
- Resolved on- call service or repair customer inquiries by using the tools provided to services the customer efficiently and thoroughly.
- Consulted customers on finding products to best meet their requirements and then in proper usage, recommending other merchandise to best optimize their productivity.

GENERAL AUTO ELECTRIC COMPANY, Mumbai, IN

04/2016 – 11/2016 , Associate Electronics Engineer

- Responsible for post sales activities such as commissioning and troubleshooting of devices in multiple sectors.
- Provide timely support by managing company's support channels and helplines.
- Assisting in research and development for developing technologies which can be used to manufacture better circuits.
- Confirming system's and components' capabilities by designing testing methods; testing properties.
- Assisting in installation of railway signals and panels.

Education

Master of Electronics Engineer

Macquarie University, Sydney, Australia, 2017-2019

Project: Gallium Nitride based driver circuits for LIDAR which proves that LIDAR system can be more effective if Gallium Nitride is used as driving material.

Bachelor in Electronics

University of Mumbai, Mumbai, India, 2013-2016

Project: Modelling a Sign Language Interpreter, which uses sign language inputs to successfully give out outputs in form of audio.

Diploma in Industrial Electronics

University of Mumbai, Mumbai, India, 2010-2013

Project: Preparing a fully equipped Military robot which uses Microcontroller and sensors, attached with a wireless module.

Key Skills

- Leadership, management
- Problem-Solving
- Customer Service
- Strong Communication skills
- Strong Organizational and Administration skills

References

- Michael Larkin – mike@tortech.com.au , Sydney, CEO and Manager of Tortech Transformers
- Tushar Thakkar – appliancesrus123@gmail.com , Sydney, Manager of Appliances R Us.