



## **OBJECTIVE**

To gain a variety of knowledge in my domain specific area by enhancing my knowledge and skills to cope with the latest technological changes, there by pursuing a challenging career in engineering by contributing my intelligence and creativity and become a part of a progressive and healthy organization.

## **ACADEMIC QUALIFICATIONS**

B.E. in Electrical and Electronics Engineering from St. Joseph Engineering College, Mangalore, Visvesvaraya Technological University in 2012 with 76.8%.

## **CORE COMPETENCES**

- Electrical design, detailing, study and review of drawing for process industries, FMCG plants and infrastructure projects
- Design and Simulation of Ground mount, Rooftop and Carport solar power plants using HelioScope, PVSyst software and PVWatts calculator
- Preparation of Interconnection plan, Permit plan and IFC plan for ground mount, roof top and carport Solar power plants
- Preparation of one line diagram, three-line diagram, site plan, module layout and DC circuit plan, cable & conduit schedule, conduit layout, shading layout, equipment elevations, sections and enlarged plan
- Design and detailing of LV systems for building services, food & process Plant
- Sizing Calculations of electrical equipment's like DG Set, HT & LT cables, bus duct, UPS, earthing, lightning protection, cable tray, APFC and battery etc.
- Design and Simulation in DIALux software for Interior and Exterior Lighting
- Preparation of DB Schedule, Load Schedule and Cable Schedule
- Preparation of Single Line Diagram, Lighting & Power Layout, External Cable Routing Layout, Equipment Layout, Cable Tray Layout, Raceway Layout, Lightning Protection Layout, Emergency Lighting Layout and Earthing Layout for LV systems
- Preparation of documents like Design Basis Report, Technical Specification, BOQ, CAPEX
- Design reviews and design co-ordination of multidisciplinary elements including architectural, structural, interior design and MEP aspects
- Technical review of Vendor offers and Preparation of Technical Bid analysis for Electrical equipment
- Co-ordination with Clients, Vendors and sub-contractors
- Participation in Design and Engineering progress review meetings
- Performing CAPEX Estimation for +/-30% accuracy for Concept Cost and +/-10% accuracy for FEED Cost for Process and FMCG plants
- Active Participation in Value Engineering workshop

- Preparation of various Benchmarks for Process and FMCG plants and comparing them with the existing Benchmark
- Complete wiring of a PVC Welding Machine

#### PERSONAL STRENGTH

- Adapt well to changes and pressures in work place
- Committed to deadlines and schedules
- Eagerness to explore and learn
- Able to work as a Team and independently
- Good interpersonal skills

#### CAREER PROFICIENCIES

Period – 08<sup>th</sup> July 2013 to till date – L&T Technology Services Limited

Designation : Senior Engineer

##### Projects Handled

- REC Solar – (Commercial Solar), CA, USA (Solar plant design)
- Happy Spoon, Unilever – (Ice-cream plant) Brownfield, Missouri, USA (Procurement & Cost Estimation)
- Lenana, Unilever – (VPJ, Soap, Spreads, Savoury, HCL plant) Greenfield, Nairobi, Kenya (Procurement & Cost Estimation)
- Scooter, Unilever – (HCL plant) Greenfield, Vietnam (Procurement & Cost Estimation)
- Adani Wilmer Limited – (Edible Oils) Brownfield, Bundi, Rajasthan, India (LV system & Lighting design)
- ISUZU Motors India Pvt. Ltd. – (Vehicles) Greenfield, AP, India (LV system & Lighting design)
- Doha South Sewage Treatment Works Phase-II Expansion – (Sewage Treatment) Brownfield, Qatar (LV system & Lighting design)
- Mars - Dhruva – The North Star – (Petcare) Brownfield, AP, India (LV system & Lighting design)

Period – 01<sup>st</sup> Aug 2012 to 30<sup>th</sup> June 2013 – C.R.J. Electronics

Designation : Electrical Trainee

##### Work Handled

- Manufacturer of PVC Welding Machines
- Electrical component selection, electrical and mechanical component installation
- Support for procurement and cost estimation

#### ADDITIONAL QUALIFICATIONS

- Undergone Training in Industrial String Automation for PLC programming

## ACHIEVEMENTS

- L&T Technology Services Limited - ESTRELLAS 2016 Employee Annual Awards for Valuable Contribution towards the success of the organization, customer focus, dedication and leading the team
- L&T Technology Services Limited - ESTRELLAS 2016 Employee Annual Awards for Team Performance by consistently achieving higher customer satisfaction through execution excellence and team work
- L&T Technology Services Limited - Spot Award Winner July 2016 for making a difference
- L&T Technology Services Limited - Spot Award Winner August 2017 for making a difference

## SOFTWARE COMPETENCES

- DIALux
- HelioScope
- PVSyst
- PVWatts calculator
- MS Office
- AutoCAD

## PERSONAL DETAILS

Date of Birth	:	14 <sup>th</sup> July 1990
Mobile	:	+91-9003291361
E-mail	:	<a href="mailto:stephen_john90@yahoo.com">stephen_john90@yahoo.com</a>
Father's Name	:	John Joseph
Marital status	:	Unmarried
Nationality	:	Indian
Passport	:	Valid through 30/08/2022
Linguistic skills	:	English, Hindi, Bengali, Malayalam, Kannada
Hobbies	:	Numismatist, playing Badminton and Football
Address	:	3-71/1, Marne Village, Ajekar Post, Karkala Taluk, Udupi District, Pin – 574101 Karnataka, India.