

OMKAR ZANJE

ASSOCIATE LEAD ENGINEER - ELECTRICAL

Excel in creating energy efficient electrical designs with over 3 years of experience as a dedicated and driven electrical engineer. Seeking a challenging position in an electrical engineering sector to utilize knowledge and skills in designing and implementing innovative electrical solutions.

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📍 Mumbai & Pune



Profile Summary

- ❖ Possess extensive experience of over 3 years in the field of electrical engineering, with a focus on developing energy efficient designs
- ❖ Currently serving as an Associate Lead Engineer at Vanderlande (Subsidiary of Toyota), overseeing the preparation of design reports, load calculations, lighting layouts, single line diagrams, and managing vendor relationships
- ❖ Demonstrate a comprehensive understanding and expertise in IEC and IS design standards; skilled in AutoCAD, advanced Excel, DIALux, and ETAP
- ❖ Hands-on experience in managing design engineering operations entailing required analysis, design & development, coordination with internal departments, process developments, technical evaluations and more
- ❖ Capability to enhance operational effectiveness and meet operational goals within the cost, timelines & quality parameters; acting as an escalation gate to resolve critical issues, enhancing the performance and quality of service
- ❖ Excellent communication and problem-solving skills, with the ability to work and coordinate with foreign counterparts for workshare projects
- ❖ Proven track record in designing and implementing energy efficient electrical solutions, resulting in reduction in energy consumption and generated cost savings
- ❖ Strong project management skills, demonstrated by successfully leading and coordinating multi-disciplinary teams for workshare projects with foreign counterparts



Core Competencies

Energy efficient electrical designs



Calculations and layouts



IEC and IS design standards



Vendor Coordination/ Management



Electrical project management



Project cost estimation



Single line diagram preparation



Troubleshooting electrical equipment



Team Management



Project Details

- ❖ Amazon BVA1, UK
- ❖ Amazon EMA4, UK
- ❖ Amazon BRE4, UK
- ❖ Kaufland Geisenfeld, Germany (on-site experience)
- ❖ CI Medical, Japan (on-site experience)

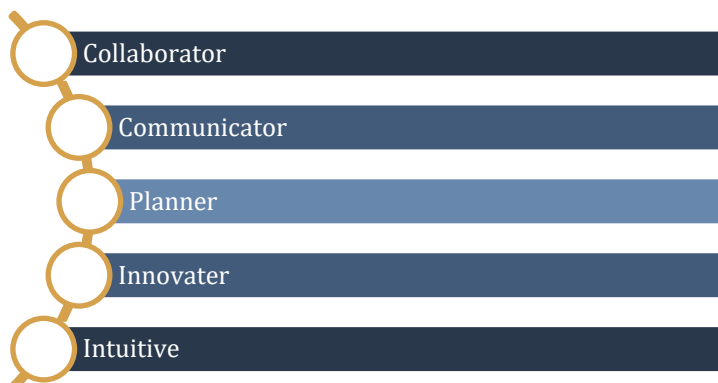


Technical Skills

- ❖ AutoCAD, Advanced excel
- ❖ EPLAN – Electric Pro
- ❖ NavisWork
- ❖ Power BI
- ❖ DIALux
- ❖ ETAP
- ❖ JIRA
- ❖ Enovia PLM



Soft Skills



Education

2019 B.E in Electrical Engineering from AISSMS Institute of Information Technology, Pune

2016 Diploma in Electrical Engineering from Dr. Babasaheb Ambedkar Technological University,

2013 Secondary Education from GDA Highschool, Birwadi



Work Experience

Since Nov'21

Vanderlande (Subsidiary of Toyota) as Associate Lead Engineer

Responsibilities:

- ❖ Leading an onsite team of 4-5 people, spearheading the preparation of design reports encompassing plant requirements, load calculations, lighting layouts, single line diagrams, and cable schedules
- ❖ Meticulously crafting comprehensive design reports, conducted accurate load calculations, and developed precise lighting layouts, consistently adhering to IS standards
- ❖ Recommending materials and equipment based on cost, quality, and availability; preparing pricing estimates for materials and services needed for a specific project
- ❖ Performing calculations and analyses to determine the most effective design for electrical systems
- ❖ Consulting with architects, engineers, contractors, or other specialists involved in the design process to ensure that designs are feasible
- ❖ Developing efficient substation layouts, strategically positioning HT equipment to maximize functionality and prioritize safety
- ❖ Collaborating closely with vendors to facilitate procurement processes and diligently followed up on both technical and commercial inquiries
- ❖ Skillfully preparing comprehensive tender documentation and conducting thorough evaluations of potential vendors
- ❖ Showcasing exceptional proficiency in applying IEC and IS design standards
- ❖ Developing and implementing a standardized design template, resulting in reduction in design time and improved consistency across projects
- ❖ Leading the successful completion of 5 projects, including Amazon BVA1, UK and Kaufland Geisenfeld, Germany, ensuring on-time delivery and client satisfaction
- ❖ Delivering energy efficient electrical designs for industrial projects. Demonstrated expertise in project management, international design standards, and successful project delivery

Aug'19-Oct'20

Electrical Engineer - Indian Coast Guard

Responsibilities:

- ❖ Undertook the role of an Electrical Engineer at the Indian Coast Guard, actively involved in generating electrical deliverables, meticulously reviewing tender documents and BOQs, and initiating inquiries as per project requirements
- ❖ Successfully resolved electrical equipment issues on ships, guaranteeing seamless operations
- ❖ Generated accurate project cost estimates and estimations tailored to specific project requirements
- ❖ Exhibited exceptional technical prowess in developing detailed one-line diagrams and schematics
- ❖ Fostered effective collaboration with cross-functional teams to drive project success
- ❖ Implemented preventive maintenance strategies for electrical equipment on ships, resulting in reduction in equipment failures and improved operational readiness
- ❖ Led the successful completion of electrical projects, including the installation of new electrical systems on ships, ensuring compliance with safety regulations
- ❖ Worked on troubleshooting electrical equipment on ships and delivering successful electrical projects. Proven ability to ensure operational efficiency and compliance with safety standards



Certifications

- ❖ Six sigma yellow belt – LinkedIn learning
- ❖ 7 habits of highly effective people – Training India (organizational Training)
- ❖ Rockwell Allen Bradley PLC in 2019
- ❖ Power BI Certification Course



Personal Details

Date of Birth: 25th September 1997 || **Languages Known:** English, Hindi & Marathi || **Address:** Santacruz (E), Mumbai