

## Shaik Suheb

Graduate Elec. |  
Residential Eng. |  
Project Manager | QAQC  
Officer | Sr. OCS/OHE  
Design Engineer | MEP  
System Manager

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Male

19-04-1988

Andhra Pradesh, India  
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## Objective

Dynamic and results-oriented Project Manager with over 13+ years of multidisciplinary expertise in infrastructure development, project management, electrical system design, and urban master-planning. Recognized for domain leadership in Overhead Equipment (**2X25 KV OHE/OCS/OLE**), **Traction Substations, MEP installations, and large-scale infrastructure initiatives across India and the Middle East**. Skilled in forecasting challenges, driving cross-disciplinary solutions, and ensuring full compliance with international standards (**IEC, BS, EN**). Successfully led the delivery of landmark projects such as the **WDFC** and **EDFC** freight corridors (**₹124,000 Cr and ₹51,000 Cr**), and an **Operational Control Centre project (₹1,06,000 Cr)**, including over **50 residential units, multiple junction station buildings, and essential support infrastructure**. Proficient in client engagement, stakeholder coordination, budget and sub-consultant management, and delivering impactful results within time and cost constraints. Renowned for innovation, technical acumen, and a collaborative leadership style that consistently drives excellence in project delivery.



## Skills

Core Competencies	Master-Planning & Urban Infrastructure Development   Large-scale Project & Client Management   Design Interface & Compliance (IEC, BS, EN)   2x25 KV OHE/OCS/OLE Design & Installation   Electrical Systems Testing   MEP & Electrical Systems Engineering   Compliance Standards (RDSO, IEC, EN)
Project Management Skills	End-to-End Project Lifecycle Management   Multicultural Team Leadership & Overseas Project Execution   Resident Engineer   Inspection & Test Planning (ITPs)   Quality Assurance   Risk Assessment   Contractor Supervision   Design Review & Interface Coordination
Leadership & Communication	Overseas Project Delivery & Multicultural Team Collaboration   Client Collaboration & Interfacing   Stakeholder Engagement.
Software Expertise	Macros   VBA   V8i   AutoCAD   AI Tools



## Work experience

**ORIENTAL CONSULTANCY INDIA PRIVATE LIMITED** 2021 - 2024

*Assist. Residential Engineer Electrical For Section Ghumasan to Makarpura EMP-4*

- Streamlined project management processes as an **Assistant Residential Engineer**, achieving 100% compliance with electrical standards and boosting project efficiency.
- Improved **electrical design schemes** to achieve costs efficiency, resulting in more economical project outcomes.
- Ensured **NONO/NONOC** compliance by reviewing & analyzing project documents, enhancing accuracy and meeting contractual requirements.
- Review and approval of Layout Plans, Schematic Diagrams, Sectioning Arrangements, and As built Layouts Plans.**
- Directed contractors to ensure compliance with Employer's and Contractual Requirements, improving project adherence.
- Facilitated design/interface meetings with contractors, accelerating project timelines and improving

collaboration.

- Oversaw and optimized workflow in the Design Office and construction sites, enhancing project efficiency and ensuring on-time delivery.
- Developed and executed **ITPs for OHE Wires, HV & LV Cables, CB's, SI & FRLSH Wires** and ensuring compliance with contractual criteria.
- Conducted **FATs** to guarantee adherence to **IEC and IS standards**, improving component reliability.
- Improved quality verification workflows, reducing errors by 30% and enhancing documentation accuracy.
- Conducted thorough inspections in accordance with the approved Inspection Test Plan, ensuring compliance and quality standards.
- Oversaw **electrical installations** across a **180 RKM** stretch from Ghumasan to Makarpura, ensuring project completion on time and within budget.
- Executed installation testing and commissioning of the **52KM** Ghumasan to Sabarmati North project, ensuring compliance and quality standards.
- Led the installation testing and commissioning of the **16 KM** Sanand North to Sanand IR Connecting Line and Goraghuma IR Connecting Line, ensuring compliance with safety standards.
- Executed thorough verification of TSS, SSP, and SP site plans, ensuring compliance and accuracy to enhance project quality.
- Executed installation testing and commissioning of **Sanand TSS 2X25 KV TSS along with 8 No's SSP's and 2 SP's**
- Executed thorough review of billing and IPC documents, ensuring accuracy and compliance, which reduced discrepancies.

#### ORIENTAL CONSULTANCY INDIA PRIVATE LIMITED

2021 - 2024

*Assist. Residential Engineer Electrical For Section Ghumasan to Makarpura CTP3R*

- Executed the installation, testing, and commissioning of **Sanand TSS 2X25 KV Traction Substation, including 8 Sub-Sectioning Posts (SSPs), 2 Sectioning Posts (SPs), and 3 units of 11 KV Electrical Substations (ESS)**.
- Successfully modified, relocated, and completed the installation, testing, and commissioning of **16 units** of 11 KV utilities.
- Oversaw the installation, testing, and commissioning of **5 Junction Station Buildings, 4 units Service Buildings, 2 IMD (Integrated Maintenance Depots), and approx. 50 Units Residential and 16 Units Staff Quarters**, ensuring quality and timely delivery.
- Directed the installation, testing, and commissioning of **HVAC systems** in alignment with approved ITPs, ensuring efficiency, safety, and compliance with industry standards.
- Led the implementation and commissioning of Fire Alarm Systems ( **FAS**) with Uninterruptible Power Supplies (UPS), enhancing system reliability and performance.
- Supervised the installation, testing, and commissioning of **Gas Suppression Systems**, ensuring stringent safety protocols for 11 KV Electrical Substations and 2X25 KV Control Room Buildings.
- Managed the deployment and commissioning of **160 KVA Auto Transformers**, ensuring full compliance with ITPs and optimizing operational efficiency.
- Successfully executed the installation, testing, and commissioning of **Diesel Generator (DG) Sets ranging from 160 KVA to 1800 KVA**, achieving peak performance while adhering to industry standards and approved ITPs.

#### ORIENTAL CONSULTANCY INDIA PRIVATE LIMITED

2021 - 2023

*Residential Engineer Elect. For The Operational Control Centre (OCC) & For Station Buildings*

- Facilitated compliance with Employer's requirements by guiding contractors and ensuring adherence to all contractual obligations and quality standards.
- Prepared and implemented **Inspection Test Plans (ITPs) for DG Sets, PAC Systems, and HVAC installations**, ensuring alignment with contractual and industry standards.
- Oversaw the **MEP** works for the Operational Control Centre (**OCC**) and Network Operational Centre (**NOC**), ensuring compliance, operational efficiency, and adherence to quality protocols.
- Executed the installation, testing, and commissioning of HVAC systems, guided by ITPs, to enhance system efficiency and reliability.
- Conducted the installation, testing, and commissioning of **PAC systems, following approved ITPs**

to ensure operational efficiency and safety compliance.

- Directed the installation, testing, and commissioning of the **FAS system with UPS**, improving reliability and overall performance.
- Supervised the installation, testing, and commissioning of the **Gas Suppression System**, enhancing safety protocols for OCC and NOC operations.
- Managed the installation, testing, and commissioning of **3200 Amps copper systems**, ensuring compliance with ITPs and improving operational efficiency.
- Successfully executed the installation, testing, and commissioning of **DG Sets (160 KVA to 1800 KVA)**, ensuring optimal performance and adherence to ITPs and industry standards.
- Enhanced safety compliance by overseeing the installation of the **Lightning Protection System**, significantly reducing electrical hazards and ensuring project safety.

#### M/S ALSTOM INDIA PRIVATE LIMITED

2018 - 2021

##### *OHE/OCS Design Engineer for EDFC BHAUPUR – KHURJA SECTION*

- Developed comprehensive **electrical layout plans**, improving project efficiency and ensuring compliance with safety standards.
- Created detailed Structure Erection Drawings for **Open Route & Stations**, enhancing project accuracy and compliance with engineering standards.
- Executed precise BOQ preparations and performed **maximum span calculations**, enhancing project efficiency and accuracy in material estimation by 80%.
- Improved workflow and reduced delays by developing innovative design solutions for **OOR Encumbrances**, enhancing project efficiency.
- Executed meticulous verification of dropper schedule calculations, ensuring accuracy and compliance with industry standards, enhancing project efficiency.
- Delivered innovative solutions for **Cantilevers and site-related challenges**, improving project efficiency by reducing delays.
- Created and finalized **As-Built Drawings for Layout Plans and SED**, enhancing project documentation accuracy and compliance

#### NIPPON KOEI AND RAILTRANZ CONSULTANCY INDIA PVT. LTD

2015 - 2018

##### *Project Electrical Engineer for WDFC PHASE-1 2x25 KV (REWARI – MAKARPURA)*

- Supported project advancement by collaborating with the Chief Electrical Design Engineer, ensuring timely completion and adherence to quality standards.
- Ensured compliance with **IS, RDSO, IEC, IEEE, and EN Standards** through thorough review and validation of equipment specifications, enhancing quality assurance.
- Conducted simulation studies to increase in system efficiency and reliability.
- Facilitated compliance with Employer's and contractual requirements, ensuring project alignment and enhancing contractor performance.
- Executed comprehensive verification of TSS, SSP, and SP site plans, enhancing project accuracy and compliance.
- Verified soil resistivity calculations and test reports to ensure compliance with EN/IS/IEC standards, enhancing project accuracy and safety.
- Verified Mast stability calculations in compliance with EN/IS/IEC standards, ensuring safety and regulatory adherence.
- Executed comprehensive design verification processes to ensure compliance with electrical standards, enhancing project quality and safety.
- Conducted thorough verification of General Arrangement Plans and Bus Bar Clearances, ensuring compliance with foundation specifications to enhance project accuracy.
- Verifying or approving Yard, and Open Route Layout Plans.
- Managed project documentation, improving efficiency in the construction workflow.
- Facilitated design/interface meetings with contractors, expedited design work completion and enhancing project timelines.
- Implemented robust project management practices that enhanced project delivery timelines and positively impacted overall project outcomes and stakeholder engagement.
- Executed comprehensive design engineering assessments, achieving a reduction in design errors and ensuring compliance with industry standards and regulations.
- Implemented innovative engineering solutions that enhanced system efficiency and resulting in significant project cost savings across multiple initiatives.

- Led a cross-functional team in project engineering, delivering major projects on time and under budget, increasing client satisfaction.

#### M/S KWALITY BUILDERS.

2014 - 2015

##### *Electrical Engineer For Hyderabad Metro Depot.*

- Directed and supervised the execution of OHE Layout Plan construction activities, ensuring strict adherence to safety protocols and significantly improving project efficiency.
- Oversaw accurate foundation marking and casting of foundations and masts, ensuring full compliance with project specifications and quality standards.
- Optimized structural designs and arrangements, achieving a 50% reduction in project completion time while maintaining superior quality.
- Streamlined documentation workflows to align seamlessly with client requirements, resulting in enhanced operational efficiency and improved project delivery

#### AL - NOOR AL RAKHI CO.

2013 - 2014

##### *Site Engineer Electrical For SAUD SALEH VILLA- KSA Riyadh*

- Created detailed As-Built Drawings to ensure accurate documentation, enhancing project compliance and reducing errors.
- Executed a comprehensive electrification project at SAUD SALEH VILLA, enhancing electrical efficiency and safety standards.
- Adapted work strategies to align with client requirements and site conditions, enhancing project efficiency.
- Compiled and finalized Bill of Quantities (BOQ) for electrical projects, ensuring accurate cost estimation and resource allocation.
- Streamlined the preparation of weekly and monthly timesheets on site, enhancing reporting efficiency by 6%.
- Executed project management strategies for large-scale electrical installations, achieving on-time completion and exceeding quality benchmarks.
- Led project engineering initiatives that resulted reduction in energy consumption across projects, contributing to sustainability goals and lowering operational costs.

#### E2E RAIL PVT LTD

2012 - 2013

##### *Design Engineer For GANGAVARAM PORT SIDING ELECTRIFICATION*

- Developed an optimized OHE layout plan based on survey data, improving project efficiency by 60%.
- Validated and updated contact wire data using spreadsheets, ensuring compliance with modifications and enhancing data accuracy by 80%.
- Created and updated design files to incorporate new and modified details, enhancing project accuracy by 70%.
- Created detailed OHE modification cross-section drawings utilizing layout details, site photos, and survey reports to enhance project accuracy.
- Developed OHE modification allocation statements in compliance with CSD requirements, enhancing project clarity and efficiency.

#### E2E RAIL PVT LTD

2012 - 2013

##### *Design Engineer For JYOTHI STRUCTURES LTD.*

- Executed accurate estimation for 2x25 KV Bill of Quantities, optimizing project budgeting and ensuring financial efficiency.
- Designed and optimized the sectioning arrangement for 25 KV substations, enhancing operational efficiency and reliability.
- Enhanced operational efficiency by executing client command updates and implementing self-checking protocols, reducing error rates by 70%.

#### E2E RAIL PVT LTD

2012 - 2013

##### *Design Engineer For LUNDERSKOV- ESBJERG OCS LAY OUT PLAN CHECKING*

- Enhanced project quality by reviewing layout plans for compliance with Danish standards, resulting in improved adherence and quality assurance.
- Created spreadsheet models to optimize layout plan modifications, enhancing efficiency by 60% in project timelines.

- Conducted comprehensive Clearance Studies for over line Bridges and OCS Profiles, enhancing project compliance and efficiency.
- Conducted comprehensive quality checks on the Denmark railway layout, ensuring compliance with safety standards and enhancing operational efficiency.

E2E RAIL PVT LTD

2012 - 2013

*Design Engineer For FARINGTON JUNCTION S & C RENEWALS*

- Created a detailed OLE layout plan using MicroStation V8i based on comprehensive survey data, enhancing project accuracy and efficiency.
- Improved accuracy of contact wire data by validating and updating through spreadsheet analysis, ensuring compliance with P-WAY modifications.
- Produced detailed OLE modification cross-section drawings utilizing layout details, site photos, and survey reports, enhancing project accuracy and efficiency.
- Ensured compliance with safety standards by conducting comprehensive Clearance Studies for over X-over line bridges and OCS profiles.

M/S KWALITY BUILDERS.

2011 - 2012

*Design Engineer for GVK POWER PLANT SIDING ELECTRIFICATION.*

- Created and optimized OHE layout plans to enhance project efficiency, contributing to a reduction in implementation time.
- Enhanced contact wire data accuracy by streamlining spreadsheet processes, reducing errors significantly.
- Created and updated design files incorporating new and modified specifications, ensuring compliance with project standards.
- Created detailed OHE modification cross-section drawings using layout details, site photos, and survey reports to enhance project accuracy.
- Enhanced project efficiency by developing OHE modification allocation statements, ensuring compliance with CSDs, resulting in a significant increase in accuracy.



Education

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR

Apr 2005 - May 2011

*Bachelor's /EEE*

Electrical and Electronics Engineering



Honors & Awards

- Awarded **Employee of the Year** by **M.D OCI** for exceptional contributions that enhanced project efficiency and client satisfaction in **FY 2023-2024**. 2024
- Awarded the **Excellence Award** by **M.D DFCC** for successfully completing the UP & DN Main Lines with **2X25KV**, enhancing project delivery. 2024
- Executed comprehensive **Electrical** and **MEP** works for the OCC, enabling operations and ensuring successful inauguration by the **Prime Minister**. 2023