Vignesh P

Assitant Manager -Electro-Mechanical Integration

in www.linkedin.com/in/vignesh-periyasamy-5a1748101



With 8+ years of experience as an electrical engineer, I specialize in the integration of electromechanical assemblies, cost estimation, and Bill of Materials (BOM) preparation. My expertise extends to the comprehensive integration and testing of all types of control panels and Supervisory Control and Data Acquisition (SCADA) systems. I have a proven track record of successfully managing complex projects, ensuring seamless integration, and delivering high-quality, reliable systems. My technical acumen, combined with a keen understanding of cost management and project coordination, makes me a valuable asset in any engineering team.

PROFESSIONAL EXPERIENCE

05/2024 - present Bangalore, India

SFO Technologies Pvt Ltd, Bangalore (Nest Group)

Assistant Manager - Electro - Mechanical Integration

Roles and Responsibilities:

- Managed operations, strategic planning, and test development for hardware testing.
- Developed standard operating procedures and document workflows for current and future process steps.
- Mentored support engineers with wireless product support needs and processes reducing time to close escalations and improving customer satisfaction.
- Monitored and adjusted production processes or equipment for quality and productivity.
- Adhered to all applicable laws, regulations, polices & procedures for health, safety & environmental compliance.
- Collaborated with engineers and project managers regarding design parameters for client projects.
- Drafted working drawings, wiring diagrams, wiring connection specifications or cross-sections of underground cables, as required for instructions to installation crew.
- Complied format reports of test results and recommendations.
- Evaluated quality problems and performed inspections to identify and resolve issues.

Vignesh P 1/3 11/2021 - 04/2024Bangalore, India

Gigahertz Computing India Pvt Ltd

Senior Electrical Engineer - Integration

Roles and Responsibilities:

- Erection & Commissioning of Automated IT racks along with OFC, SFC and Patch Communications.
- MCC panel with LV Switchgear Erection & Commissioning.
- MV Panel with HV Switchgear Erection & Commissioning.
- DP Structure & HT Yard Erection & Commissioning.
- Erection and Commissioning of Wind & Solar Integrated power systems (SCADA, Compact SCADA, Measurement cabinets).
- Actively involved in preparation of BOM, Project planning, Production, Execution & Customer inspection handling, QA/QC of control panels, FAT execution.

01/2020 - 10/2021Bangalore, India

Zigma Global Environ Solutions Pvt

Project Engineer – Electrical

Roles and Responsibilities:

- Designed, developed, simulated, tested, and integrated hardware for fitness machines, collaborating with a team of 9 engineers.
- Supervised development team, providing support and feedback through PCB layout and assembly.
- Drafted reports, presentations, manuals, and specification documents, and presented designs and design updates to supervisors and clients in review meetings.
- Executed simulations and evaluations of electrical circuits, following specifications, correcting inconsistencies, and updating SOPs.

06/2016 - 12/2019 Tamilnadu, India

K. Ramakrishnan Clean Energy Pvt Ltd

Assistant Engineer - Electrical

Roles and Responsibilities:

- Ensured test equipment maintained in calibration and certification.
- Worked on projects related to removal/installation of automated test equipment between different state regions.
- Test and tuning of Switch gear.
- Researched design changes and analyzed test equipment problems.

PROJECTS HANDLED

Installation and commissioning of WTG

- Application:WTG
- System: Wind Mill Erection Commissioning (Team Handling) 2.1 – 3.2
- Customer : Suzlon Renewable Energy private limited

Installation and commissioning Of Combustor Test Rig

- Application :CTR (Aerospace Lab)
- System: P&I , Valves , Sensors Erection and Commissioning. (Team Handling)
- Customer: IIT Khanpur

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SKILLS

- Product Engineering
- Customer Service
- Hardware
- VFD Installation and Commissioning
- Assembly for SCADA along with Firewall, switches, servers, fiber enclosures
- Finite Element Analysis
- Design Requirements
- Customer Support & Training
- Server Installation for SCADA
- Erection & Installation of all type Control Panels.

EDUCATION

2014 – 2016 M.E - Power Systems

M.Kumarasamy College of Engineering

2010 – 2014 B.E - Bachelor of Engineering in Electrical and Electronics

K.Ramakrishnan College of Engineering

PERSONAL PROFILE

Father's name: R.Periyasamy

Mother's Name: P.Vijayalakshmi

Wife's Name: K. Abinaya

Languages Known: Tamil, English and Kannada

Date of Birth: 27.03.1993

Marital Status: Married

Hobbies: Cricket & Football.

DECLARATION

I hereby declare that the information and details provided in this resume are correct and inclusive to the best of my knowledge and belief

Vignesh P 3/3