

SRIKANTHAN V

+91 7010702228

Chennai, India

srikanthanvenk2798@gmail.com

ASSISTANT ENGINEER

PROFESSIONAL SUMMARY

Experienced Electrical Maintenance with 8+ years of experience in automotive and high-volume manufacturing environments. Strong expertise in electrical maintenance of injection molding machines, robotic systems (FANUC, ABB), PLC-based automation (Siemens, OMRON, Mitsubishi), and industrial power systems. Proven track record in preventive, predictive, and breakdown maintenance, MTTR/MTBF improvement, and SAP maintenance reporting. Adept at root cause analysis, safety compliance (LOTO, ISO), and ensuring maximum equipment uptime in production-critical operations.

PROFESSIONAL SKILLS

- OMRON CX Programmer S7
- SIMATIC manager S7 SIEMENS
- TIA Portal Knowledge of SAP
- Microsoft Suit
- Mitsubishi PLC Software GX DEVELOPER FX
- Fanuc & Siemens CNC

EDUCATIONAL BACKGROUND

B.E Electrical and Electronics Engineering Jun2021 – Apr2024

Thirumalai engineering college,
Kanchipuram

D in Electrical and Electronics Engineering Mar 2014 – April 2017

Chengalvaraya Naicker polytechnic college,
Chennai.

Percentage - 82%

ACCOMPLISHMENTS

- Best Machine Shop suggestion Award WABCO
- Best Safety kaizen Award received from MSSCL.
- Internal auditor course IMS.
- TUV Nord India group. CER.NO: 119561244/31

LANGUAGES SPOKEN

Common: English Tamil,

Indian: Telugu.,

HOBBIES AND INTEREST

- Football
- Listening to Music
- Daily Paper
- Travelling

PROFESSIONAL EXPERIENCE

BSH Home appliances Pvt Ltd..(BOSCH)

Assistant Engineer,

Chennai - April 2025 - Current.

- Perform preventive and corrective maintenance on electrical systems, including PLCs, sensors, motors, wiring, and power supplies.
- Monitor equipment condition to ensure reliable operation and minimize downtime.
- Experience designing and implementing scalable **IoT(MECHANICA)** architectures and energy-efficient sensor networks.
- Continuously monitor the condition of electrical equipment and systems (e.g., motors, transformers, switchgear) using sensors and diagnostic tools.
- Diagnosed hardware, firmware, and connectivity issues related to PLC, gateways, and edge devices.
- Skilled in analyzing sensor data for early fault detection and energy optimization.
- Skilled in **Injection Molding Machine** Electrical Maintenance and Troubleshooting.
- Troubleshoot and rectified electrical faults related to heaters, thermocouples, motors, and safety circuits.
- Problem-solving skills with an ability to work efficiently under pressure.
- Analyze data from monitoring systems to detect trends, anomalies, and early warning signs of electrical issues (e.g., overheating, insulation breakdown, imbalance, etc.).
- Use diagnostic tools and software (e.g., PLC programming Software's Like **(SIEMENS,OMRON)**, HMI interfaces, diagnostic programs specific to robot controllers) to identify and resolve issues in robotic systems.
- Support safety standards and continuous improvement initiatives within the plant.

Wheels India Ltd..

Assistant Engineer,

Chennai, Nov 2022 - April 2025

- Performed preventive and predictive maintenance on robotic systems, including **FANUC** and **ABB** robots.
- Identify and troubleshoot electrical and mechanical issues in generators, such as starting failures, uneven power output, or overloading issues.
- Diagnosed and debugged PLCs (**Siemens, OMRON, Mitsubishi**) and HMIs to resolve logic errors, communication failures, and I/O issues.
- Monitored the condition of electrical systems, such as motors, servo drives, and transformers, using diagnostic tools to detect and preemptively address issues like overheating, insulation breakdown, and phase imbalance.
- Maintained MTTR, MTBF, ISO, and TS documentation and updated breakdown.
- Coordinated monthly maintenance review meetings with plant management regarding breakdowns, major works, spares, and statutory compliance.

Mahindra Steel service centre Ltd..

Executive Maintenance,

Thiruvallur, Oct 2020 - Nov 2022

- Conducted preventive, predictive, and routine maintenance activities to ensure uninterrupted plant operations.
- Identify and troubleshoot electrical and mechanical issues in generators, such as starting failures, uneven power output, or overloading issues.
- Substation maintenance of Transformer rating **1250KVA 11KV/415V oil type distribution transformer**.
- HT breaker (**VCB**), LT breaker (**ACB**) operation.
- Troubleshoot, maintained and inspected **EOT** crane system.
- Responsible for operation and maintenance of 625 KVA diesel generators.
- Maintaining TS documents/MTTR/MTBF/ISO. Maintaining breakdown details against SAP.
- Monthly meeting with plant head for breakdown/major work done/spare parts & Statutory compliance.

Wabco India Ltd..

Maintenance Trainee,

Chennai, July 2017 - Dec 2019

- Assisted in troubleshooting and repairing electrical circuits, wiring, and components using diagnostic tools.
- Performed routine preventive maintenance under senior supervision.
- Perform preventive, predictive Maintenance, and routine inspection maintenance.
- Strictly followed safety procedures, including Lockout/Tagout (LOTO) protocols.
- Read and interpreted electrical drawings, schematics, and wiring diagrams.
- Gained hands-on experience in industrial electrical wiring, conduit installation, and termination.