

Kalaiselvan.V

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Mobile: 8754924303,
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STRENGTHS

- ◆ Problem solving
- ◆ Leadership
- ◆ Continuous Improvement

SKILLS

- ◆ Root cause Analysis
- ◆ Decision Making
- ◆ Time management
- ◆ Risk Analysis
- ◆ Multi-Tasking

NPD

- ◆ Productivity improvements
- ◆ Elevator control panel Developed
- ◆ Harness developed Elevator & Servo Drives
- ◆ I/O Board Developed in Elevator

SOFTWARE SKILLS

- ◆ MS-Office, Excel Power point
- ◆ Basic of OrCAD, AutoCAD
- ◆ SAP & ERP
- ◆ Lab view Software

EDUCATIONAL QUALIFICATIONS

Bachelor of Engineering in Electronics & Communication Engg, Anna University, Chennai

Diploma in Electronics & Communication Engg Elumalai Polytechnic collage, Villupuram.

PROFESSIONAL SUMMARY

An astute professional with a B.E. in Electronics & Communication Engineering, possessing over 19 years of experience in ATE, machines, elevator controllers, VFDs, PLC, HMI, UPS, and weighing electronics manufacturing. My expertise spans various areas of Electrical and Electronics engineering, including project management, quality control, production planning & control, and material management, along with strong knowledge of SAP/ERP systems

Assistant Manager - Production cum Quality

Rice lake Weighing systems India Ltd –Chennai (June 2025 onwards)

- ◆ Applied Lean principles and established KPIs to improve safety, quality, and productivity while reducing waste and operating costs.
- ◆ Led new product development initiatives based on customer applications.
- ◆ Production Planning And control

Assistant Manager - Production cum Quality (Jan 2022 to Nov 2024)

Inovance technology Private ltd - Chennai

- ◆ Managed day-to-day operations on the warehouse floor, fostering a highly effective site leadership team, implementing safety measures, and driving continuous improvement initiatives that resulted in enhanced productivity.
- ◆ Implemented methods for inspecting, testing, and evaluating products and production equipment to ensure high-quality standards.
- ◆ Applied Lean principles and established KPIs to improve safety, quality, and productivity while reducing waste and operating costs.
- ◆ Conducted testing and validation of Elevator controllers, ATE machines, UPS systems, controllers and panels, VFDs, HMIs, servo drives, and motors.
- ◆ Skilled in **8D Process** and **5 Why Analysis** for root cause identification and problem-solving.
- ◆ Proficient in communication protocols such as TCP/IP, RS-232, RS-485, CAN, MODBUS, etc.
- ◆ Performed reliability testing and failure analysis for PCBA used in elevator systems and servo drives.
- ◆ Knowledgeable in QMS (Quality Management System) standards, including ISO 9001:2015, ISO 14001, ISO 45001, And IATF 16949.
- ◆ Experienced in handling various testing equipment such as oscilloscopes, function generators, data loggers, and logic analyzers.
- ◆ Hands-on experience with semiconductors like IGBTs, MOSFETs, SCRs, and various converter topologies. Tested AC-DC converters, performed overload testing, and

Major Projects

- ◆ Clinker loading system - Shree cement, Raj
- ◆ Limestone Rail loading system - L&T Etihad-UAE
- ◆ Rubber Batching - MRF
- ◆ Truck And Wagon loading System L & T, HPCL - Vizag

LALGAUGES

- ◆ English
- ◆ Tamil

PERSONAL DETAILS

Date of Birth: 23.02.1984
Father Name:
Veerappan. A
Marital status: Married
Nationality: Indian

Address for Communication

No: 4/160, 4th Block,
Shanmuga Nagar,
Near Shastha Clinic
Padappai,
Chennai -601301

Deceleration

I here declare that the Above-Mentioned details are truth and correct to the best of my knowledge and Belief.

Yours Faithfully
Kalaiselvan. V

Place: Chennai
Date:

Senior Engineer – Production cum Quality (Dec 2009 to Jan 2022)

Rice lake Weighing systems India Ltd – Chennai.

Responsibilities:

- ◆ Experienced in functional testing and debugging of PCBA.
- ◆ Knowledgeable in testing panels, VFDs, HMIs, in-motion weighing systems, UPS, stabilizers, and batching applications.
- ◆ In-depth expertise in digital and analog hardware testing and troubleshooting.
- ◆ Hands-on experience testing various functionality boards, including processors, DAC, ADC, relays, matrix multiplexers, digital I/O, and Ethernet controllers.
- ◆ Knowledge of static weighing, in-motion weighing, batching, bulk loading, and unmanned weighing concepts.
- ◆ Skilled in testing AC-DC converters, no-load and full-load safety sections, alarm sections, and charge/discharge sections.
- ◆ Expertise in projects, production planning, BOM preparation, and documentation.
- ◆ Proficient in ERP and SAP for BOM preparation, stores activities, and procurement tracking.
- ◆ Comprehensive understanding of all manufacturing activities and processes.
- ◆ Knowledgeable in **ISO 9000:2015** quality standards.
- ◆ Experienced in implementing **7 QC tools** for process improvements.
- ◆ Developed **control plans, PPAP, FMEA, and SPC.**

Assistant Engineer – Quality (Jan 2007- Dec 2009)

Manatec Electronics Pvt Ltd, - Pondicherry

- ◆ Experienced in testing and debugging defective PCBAs to ensure functionality and reliability.
- ◆ Skilled in preparing effort estimations for quality assurance processes.
- ◆ Developing **test plans, schedules, and test design specifications.**
- ◆ Monitoring test processes and maintaining production documents.
- ◆ Providing technical support to the **manufacturing team, supply management, and quality assurance.**
- ◆ Implementing **5S methodology** for workplace organization and efficiency
- ◆ Ensuring compliance with quality standards and best practices.

Test Technician – Quality (Oct 2005 - Dec 2006)

Schiller Healthcare India Pvt Ltd, - Pondicherry

- ◆ Responsible for **testing and debugging defective PCBAs** to ensure functionality and reliability.
- ◆ Experience in **system integration and testing of monitors & defibrillators.**
- ◆ Monitoring **test processes** to ensure quality standards.
- ◆ Maintaining **production documents** for traceability and compliance.
- ◆ Testing knowledge in various functionality boards

Service Engineer (Apr 2004 – Sep 2005)

BPL medical - Pondicherry

- ◆ Installation of ECG machines, Multipara monitors, Defibrillators etc.
- ◆ Repair and Servicing of PCBA.
- ◆ Customer Support.