

## **MERUVA KODANDA RAO.**

**Educational Qualification: B-Tech (EEE)**

**Dob: 12-06-1993**

**Automation Application Engineer (AAE) at Foxconn Hon Hai Technologies INDIA  
Mega Development Pvt Ltd Bangalore (NPI Division) | April 2025 – Present |**

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### **PROFESSIONAL PROFILE**

- Results-oriented **Automation Engineer** with over **10 years** of experience in electrical equipment installation, Fully Automated machinery operations and maintenance. Proven expertise in high-stakes environments, including submarine cable laying and large-scale manufacturing plants. Skilled in **Machinery Commissioning, Troubleshooting, Kaizen, Poka Yoke, Root cause analysis and 8D Methodologies** to optimize production efficiency. Have knowledge in **RPA Uiopath**.

### **PROFESSIONAL EXPERIENCE**

#### **Foxconn Hon Hai Technologies India Mega Development Pvt Ltd | Bangalore Advanced Automation Engineer (NPI) | April 2025 – Present**

- Manage the electrical and mechanical maintenance of high-precision fully automated machinery, including **Laser Welding, Hot Bonding, and Pick and Place** systems.
- Execute machinery commissioning and "bring-up" processes, ensuring equipment readiness through **Galvo calibration, N-point calibration** and **CPK/GRR** validation.
- Perform systematic fault diagnostics and breakdown analysis using **8D methodology, Fish Bone method, 5W2H Analysis** to identify and resolve root causes.
- Implement operational controls such as **Poka-Yoke, KPI tracking, Kaizen improvements** and **5S standards** and to maintain peak production quality.
- Executed Design of Experiments (**DOE**) to evaluate and optimise pallet and cover plate masks, securing customer approval for refabrication.
- Coordinate directly with vendors for technical support and machinery optimization.

#### **CK Fabrics Pvt Ltd | Hyderabad Production Supervisor | August 2021 – May 2024**

- Directed production planning and scheduling to align with fluctuating demand orders.
- Oversee the comprehensive maintenance and troubleshooting of production machinery to minimize downtime.
- Developed and implemented **preventive maintenance schedules** to ensure continuous, smooth operations.
- Maintained rigorous production records and documentation for quality assurance.

## Heritage Ice Cream Plant (IDA Uppal) | Hyderabad Executive | February 2019 – July 2021

- Managed operations and maintenance for **Vojta Extruder** and **Micron Candy** lines, including Tetra Pak and Synergy continuous freezers.
- Optimized freezer settings (speed, overrun, and viscosity) to ensure product weight and quality consistency.
- Conducted technical assessments of auxiliary equipment, including homogenizers, pasteurizers, and cooling towers.
- Performed pre-production pneumatic checks and resolved mechanical breakdowns through rapid root cause identification.

## Priyanka Management Solutions (L&T Naval Dockyard) | Visakhapatnam Electrical Supervisor | September 2017 – January 2019

- Supervised the testing and validation of critical electrical systems within **submarine environments**.
- Liaised with Quality Control (QC) to secure equipment clearances and ensure compliance with naval standards.
- Coordinated technician workloads and managed preventive maintenance reporting.

## Anjali Engineering Works (L&T Naval Dockyard) | Visakhapatnam Electrical Supervisor | October 2015 – September 2017

- Led the installation of heavy electrical equipment and cable laying projects for submarines.
- Interpreted complex electrical drawings to execute project plans according to strict site timelines.
- Utilized **PLM and SCMS software** to manage equipment inventory and facilitate QC clearances.

## Academic Qualification

- Bachelor of Technology in Electrical & Electronics Engineering from (KIET) JNTU, Kakinada.

## System Tools knowledge

- Microsoft Office: Word, Excel and Power Point, Basics of Robotic Process Automation RPA (UiPath).

## DECLARATION

I hereby declare that the details furnished are true to the best of my knowledge and belief.

Place: Bangalore  
Date:

(M. KODANDA RAO)