



SURYA S

SOLVING IIOT-(INDUSTRIAL INTERNET OF THINGS) SOLUTIONS



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ABOUT ME

Over 3 years of experience in electrical and mechanical maintenance in foundry operations. Successfully led 13+ IIoT and automation projects, improving operational efficiency. Awarded first prize in Continuous Improvement Competition at Texmo Industries for A3 Process and Problem Solving and Participate 10+ Kaizen .

EDUCATION

2017- 2020

Texmo Academy

SWISS VOCATIONAL DIPLOMA IN MECHATRONICS

I have completed my Swiss vocational diploma in Mechatronics at Texmo Academy.

EXPERIENCE

Senior Technician – Foundry Electrical and Mechanical Maintenance

IIoT & IIoT Solution For Process Related Problems

Texmo Industries, Coimbatore | 2020–Present

- Industrial 4.0 Based Projects CBM-Condition Based Monitoring , TBM-Time Based Monitoring , OEE & Process Optimisation
- EMS - Energy Monitoring System & Dashboards Web Applications
- Designed and deployed IIoT solutions for real-time monitoring and predictive maintenance.
- Store Spare Monitoring & Consumption Record Logger Automated with Barcode System
- Integrated Delta PLCs, HMIs, and microcontrollers for seamless automation systems.
- Maintained electrical and mechanical systems in foundry department, ensuring operational continuity.
- Developed and implemented 13+ IIoT and automation projects, enhancing productivity.
- Led A3 problem-solving initiatives, earning first prize in Continuous Improvement Competition.
- TPM (Total Productive Maintenance) ,SQDIP , Kaizen , Continues Improvement ,A3 Problem Solving
- Autonomous Maintenance , Preventive Maintenance

SKILLS

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|--------------------------|-----------------------|---------------------------------|-----------------------------------|
| • Python & Python Flask | • 3D Printing | • Solidworks | • PLC & Scada |
| • HTML CSS & Java Script | • IOT & IIOT | • Raspberry pi , Arduino, Esp32 | • Microsoft Office |
| • Design & Prototype | • Reverse Engineering | • Panel Wiring | • Pneumatics & Electro Pneumatics |

I'M LOOKING TO ADVANCE MY CARRIER AS A MECHATRONICS PROFESSIONAL.