

AL MUHAMMED YASIN

INSTRUMENTATION TECHNICIAN | AUTOMATION TECHNICIAN

Accomplished Instrumentation and Automation Technician with a Diploma in Electrical Instrumentation and Automation, I have enriched my skills through successful internships and immersive workshop training. Proficiency in Electrical Instrumentation and Automation has been cultivated through rigorous academic excellence and industry exposure. Demonstrated expertise in optimizing system performance, troubleshooting complex issues, and implementing innovative solutions for enhanced operational efficiency further enhances my profile. Renowned for seamlessly integrating profound expertise with forward-thinking solutions, I consistently drive superior outcomes across all facets of my work.



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EXPERIENCE

SMEC AUTOMATION COMPANY | KERALA | INDIA
Industry – Marine Automation Company
INTERNSHIP | CUSTOMISED AUTOMATION | PG DIPLOMA IN INDUSTRIAL INSTRUMENTATION
Oct 2022– Feb 2023

- Assisted in the assembly and manufacturing of unit packages, focusing on PLC controls and instrumentation.
- Collaborated with senior technicians to install and calibrate equipment and hydraulic instruments, ensuring accurate measurements.
- Conducted hydrostatic and FIT testing of individual unit packages, ensuring compliance with quality standards.
- Supported the design and implementation of customized automation solutions, contributing to enhanced operational efficiency.
- Contributed to the development of a comprehensive historical process data database, aiding in process optimization and troubleshooting.

Z AKSIS TECHNOLOGICAL SOLUTIONS | TAMILNADU | INDIA
Industry – Automation Machinery Manufacturing
INTERNSHIP | PLC PROGRAMMING
Mar 2022 – Mar 2022

- Installed and programmed hardware units for automation machinery, ensuring seamless operation and optimal performance.
- Monitored performance status and promptly replaced individual technical components to minimize downtime.
- Assessed program functionality and system efficiency, conducted performance reviews, and implemented enhancements to ensure continuous improvement.
- Worked closely with management to fulfil work orders, compiled comprehensive project reports, and presented results to senior leadership.
- Successfully completed installation and maintenance of technical hardware, facilitated seamless integration of hardware and software components, and rigorously assessed overall system functionality.

EXPERTISE IN

- Customized Automation
- Programmable Logic Controllers (PLCs)
- Human Machine Interfaces (HMIs)
- Calibration & Troubleshooting
- Instrumentation Installation & Maintenance
- Safety Protocols & Quality Controller
- Electrical & Control Systems
- Mechanical Aptitude & Team Collaboration
- Process Optimization
- Software Proficiency & Technical Expertise
- SCADA & VFD
- Control Valve & Relay Wiring
- Instrumentation Standards
- IOT Integration & Manufacturing
- Cybersecurity Awareness

EDUCATION

2022 – DIPLOMA IN INSTRUMENTATION AND CONTROL ENGINEERING | KMCT POLYTECHNIC COLLEGE | KERALA INDIA

ADDITIONAL COURSE & TRAINING CERTIFICATE

- PG DIPLOMA IN INDUSTRIAL INSTRUMENTATION | SMEC LAB | INDIA**



KEY ACHIEVEMENTS

- **Completed internship program**, gaining comprehensive **hands-on experience** in **both instrumentation and automation technologies**, and **showcasing a strong foundation** and a strong learning curve.
- **Demonstrated** exceptional skills during the internship, **diagnosing and resolving complex technical issues** in **instrumentation systems** and **automation setups**.
- **Enforced** stringent **safety protocols** and **best practices**, ensuring a **secure working environment** during the internship.
- **Actively** engaged in **self-directed learning** and **professional development**, **attending workshops** and **webinars** to stay **updated** with the **latest advancements** in the field of **instrumentation** and **automation**.
- I am conducting a seminar on the topic of **IOT-based waste dumping machine**, focusing on the **ultrasonic sensor**



REFERENCES

Available on request

- **CUSTOMISED AUTOMATION** | SMEC LAB | INDIA
- **PLC PROGRAMMING** | ZAKSIS TECHNOLOGICAL SOLUTIONS | INDIA



SOFTWARE SKILLS

- **MS OFFICE SUITE** (MS Word, Excel, PowerPoint)
- **OUTLOOK** (Microsoft)



PERSONAL INFO

Nationality: India

DOB: 28th Nov 2000

Gender: Male

Civil Status: Single

Languages: English | Hindi | Tamil
Malayalam

Visa Status: Visit Visa

Visa Expiry: 18th Sep 2023