

Atharv Adsure

Phone: +91 8010848394

Email: adsureatharv@gmail.com

LinkedIn: linkedin.com/in/AtharvAdsure

Professional Summary

Automation and Robotics Engineering undergraduate with a CGPA of 7.00 and practical experience in industrial automation, manufacturing operations, process improvement, quality control, PLC programming, SCADA development, and HMI configuration. Completed internships at Fiat India Private Limited and Automators Industrial Projects Pvt. Ltd. Skilled in Siemens PLC, Allen-Bradley PLC, TIA Portal, FactoryTalk View, Industrial Automation, Root Cause Analysis, and Preventive Maintenance. Seeking a Graduate Engineer Trainee position to contribute technical expertise and continuous improvement skills in a manufacturing environment.

Education

Bachelor of Engineering (Automation & Robotics Engineering)

Expected 2026

Amrutvahini College of Engineering, Sangamner CGPA:

7.00

Diploma in Computer Engineering

2023

Dr. N. J. Paulbudhe Institute of Technology

Percentage: 75.00%

SSC

2020

Anand Vidyalaya

Percentage: 68.20%

Technical Skills

- PLC Programming (Siemens PLC, Allen-Bradley PLC)
- SCADA Development
- HMI Configuration
- TIA Portal
- FactoryTalk View
- Industrial Automation
- Electrical Panel Wiring
- Variable Frequency Drives (VFD)
- Control Systems
- Process Improvement
- Root Cause Analysis
- Preventive Maintenance
- Production Operations
- Manufacturing Systems
- Quality Control
- Arduino

- ESP32
- Internet of Things (IoT)
- MATLAB
- Power BI
- CREO

Internship Experience

Graduate Engineer Trainee Intern – Paint Shop Fiat India Private Limited, Pune

- Improved Primer Sanding Line operations through standardized sanding procedures and quality monitoring practices.
- Identified paint quality issues related to wax application and surface defects at BOT and Wax Station.
- Conducted root cause analysis and supported corrective action implementation to improve paint quality.
- Collaborated with production and quality teams to enhance process consistency and manufacturing efficiency.
- Monitored process parameters and ensured compliance with quality standards and operational requirements.
- Participated in continuous improvement initiatives focused on defect reduction and productivity enhancement.

Industrial Automation Intern

Automators Industrial Projects Pvt. Ltd., Pune

- Developed PLC programs using Siemens and Allen-Bradley platforms for industrial automation applications.
- Configured SCADA and HMI systems for real-time monitoring and control.
- Performed electrical control panel wiring, testing, and troubleshooting activities.
- Integrated Variable Frequency Drives into automation systems for efficient machine control.
- Supported commissioning and maintenance of industrial automation systems.
- Executed automation projects including Tank Filling System, Traffic Light Control System, Car Parking Automation, and Pick-and-Place Mechanisms.

Projects

Smart IoT-Enabled Solar-Powered Automatic Car Wash System

- Designed and developed an automated car washing system using Arduino Mega and ESP32.
- Implemented ultrasonic sensor-based vehicle detection and automated washing cycles.
- Integrated solar energy to improve energy efficiency and reduce operating costs.
- Developed a real-time monitoring dashboard using Blynk and ThingSpeak.
- Implemented IoT-based monitoring and control for improved operational efficiency.
- Enhanced automation performance through sensor integration and intelligent control logic.

Certifications

- Industrial Automation Training

- PLC Programming and Troubleshooting
- SCADA and HMI Development
- Electrical Panel Wiring and Control Systems

Achievements

- Completed industrial training in PLC, SCADA, HMI, and Industrial Automation technologies.
- Gained practical exposure to manufacturing operations, quality systems, and process improvement methodologies.
- Developed automation projects involving industrial control systems and sensor-based automation.

Core Competencies

Graduate Engineer Trainee, Automation Engineer, Production Engineer, Maintenance Engineer, Manufacturing Engineer, PLC Programming, SCADA, HMI, Industrial Automation, Process Improvement, Root Cause Analysis, Quality Control, Preventive Maintenance, Manufacturing Operations, Industrial Robotics, Electrical Systems, Continuous Improvement.