

Lata Shri Sharma

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Summary

IoT Engineer with 1.5 years of experience in device telemetry, troubleshooting, and performance analytics. Skilled in Node-Red, LoRaWAN, MQTT, and cloud platforms (AWS IoT, Azure IoT). Passionate about transforming raw device data into actionable insights using visualization tools and low-code platforms.

Skills

IoT (Internet of Things), Node.js, JavaScript, AWS, Azure, React.js, HTML5, CSS3, Data Visualization

Experience

Bell Integration | Hyderabad

IoT Engineer - L3 Support | 01/2024 - 07/2025

- Analyzed real-time and historical data from IoT devices using protocols like LoRaWAN and MQTT
- Built automation workflows in Node-RED for real-time alerts and compliance checks
- Designed dashboards to monitor various environmental metrics and risk levels
- Collaborated with engineering and product teams to optimize system performance
- Cleaned and transformed data for compliance and analytics reports
- Supported predictive maintenance and energy optimization initiatives

TalentEdge | Gurgaon

Academic Counselor | 06/2023 - 04/2024

- Analyzed customer needs and recommended appropriate courses for career advancement
- Developed sales pitches tailored to individual professionals
- Collaborated with team members to identify suitable courses for clients
- Utilized strong communication skills to effectively convey course benefits
- Demonstrated understanding of educational offerings and their relevance to clients' professions
- Provided personalized recommendations for course selection based on client requirements and goals

Projects

Legionella Monitoring PoC

Sensor-based system for detecting water stagnation risks. Delivered real-time insights.

EV Charging Usage Analytics

Tracked session metrics and energy use. Identified usage patterns and proposed pricing model.

Mould Detection System

Monitored temperature, humidity, and air quality to detect mould-prone conditions. Created alert triggers and optimized indoor environmental thresholds.

Smart Building Automation

Designed a modular automation system with emergency lighting, HVAC, and occupancy sensors. Enabled energy savings and improved user experience via rule-based control and analytics dashboards.

Education

Jharkhand University of Technology | Ramgarh, Ranchi

Computer Science & Engineering | 05/2022

Languages

English, Hindi