

Suresh Kumar

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Professional Summary

Electronics Engineer with expertise in AI-driven applications, IoT, and full-stack development.

Education

Walchand College of Engineering, Sangli

B.Tech in Electronics (2023 - 2027) | CGPA: 6.5

Work Experience

Inffokeda Pvt. Ltd. - IoT Intern (Jun 2024 - Aug 2024)

- Developed an IoT-based system for real-time data collection and monitoring.
- Implemented cloud connectivity for seamless data transmission.
- Optimized sensor communication protocols for efficiency.

Key Project

SurGenT - AI-Powered Development & Collaboration Platform

- Built an AI-powered coding assistant with Google Gemini for automation.
- Developed real-time collaboration using WebSockets and Socket.io.
- Integrated secure authentication and cloud-based storage.
- Optimized backend with IoRedis caching for performance.
- Tech Stack: MERN (MongoDB, Express, React, Node.js), WebContainers, WebSockets, Firebase, IoRedis, AI APIs.

Technical Skills

- Languages: C++, Python, JavaScript
- Web Development: MERN Stack
- Tools & Frameworks: Firebase, WebSockets, IoRedis, WebContainers

Certifications & Achievements

- Microsoft Azure Workshop Coordinator (AzureXplore 2024, WCE)
- Microsoft AI Nexus Workshop Coordinator (Nexus 2024, WCE)
- Participant in Roboholic 2024

Extracurricular & Club Activities

- WCE MLSC - Assistant Social Engagement Manager: Organized tech workshops and community events.
- TEDx WCE - Associate Designer: Designed branding materials for TEDx events.
- ELESAs - Joint Aptitude Developer