

ANIRUDH H S

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SUMMARY

Electronics and Communication Engineering undergraduate with a strong foundation in software development, embedded systems. Proficient in Python and C, with hands-on experience in developing intelligent hardware-integrated systems. Passionate about building real-world AI-powered solutions in the field of consumer robotics.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering Sep 2023-
Dayanand Sagar Academy of Technology and Management, Bengaluru, India.

CGPA: 7.85

Relevant Coursework: Image processing in MATLAB, PCB design using Design Spark

Senior Secondary Education Aug 2021 – Mar 2023

Masters PU College, Hassan, India

Percentage: 93.8%

TECHNICAL SKILLS

Languages	Python, C, HTML, CSS, JavaScript, Arduino.
Tools	VS Code, Git, Node-Red, Model Sim, MATLAB.

PROJECTS

Real-Time Cloud-Based Energy Monitoring System

Developed an IoT-based smart energy monitoring system that collects real-time electrical data and publishes it to the cloud via MQTT for remote monitoring. Implemented dynamic slab-based billing and an interactive dashboard for visualizing consumption trends, alerts, and cost summaries.

Smart Post-Accident Detection and Response System

Developed an IoT-based Smart Post Accident Detection and Response System using sensors, GPS, and GSM modules to automatically detect vehicle collisions, pinpoint location, and send real-time emergency alerts to contacts and authorities, enabling faster rescue response.

Docnest

Developed DocNest, a full-stack healthcare management web application enabling appointment booking, patient registration, and login workflows, using HTML, CSS, and JavaScript. Implemented responsive UI and user authentication modules to streamline doctor-patient interactions.

ACHIEVEMENTS

State-Level Project Expo - Jnana Cauvery 2K25 – 1 st Prize	May 2025
INNOVONX Hackathon, DSATM – 3 rd Prize	April 2025
State-Level Project Expo - Vyuhanthra 2K25 – 2 nd Prize	October 2025
Best Project Award – BMS Project Expo 2025	November 2025
Presented our Research Paper in EPREC Conference conducted by IIT Bhilai and NIT Jamshedpur	