

Krishitha Modupalli

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📍 Nuzvid, Andhrapradesh

Education

2021 – 2025	BTech -Electronics & Communication Engineering
Srikakulam, India	<i>Rajiv Gandhi University of Knowledge Technologies</i> CGPA :- 8.8/10
2019 – 2021	Intermediate(MPC)
Srikakulam, India	<i>Rajiv Gandhi University of Knowledge Technologies</i> CGPA :- 9.26/10
2018 – 2019	SSC(10th)
Parnapalli, India	<i>ZPHS</i> CGPA :-10/10

Skills

Programming Skills

Python(Libraries:-NumPy, Pandas, Matplotlib),SQL,Html,CSS,Javascript

Technical Skills

Data Structures,Database Management,Web Development,Problem Solving Tools(Debugging Techniques)

Soft Skills

Teamwork
Adaptability
Interpersonal Skills
Time Management

Projects

Smart ambulance for traffic management system using ESP32 and IOT cloud

Developed a smart ambulance traffic management system using ESP32 and IoT to optimize emergency response times. The system integrated GPS and GSM modules for real-time location tracking and connected to cloud platforms like AWS IoT for dynamic route optimization and monitoring.

Optimizing Traffic Flow with GPS Integration and Web Visualization for Emergency Vehicles

Developed a system to enhance traffic management for emergency vehicles by integrating GPS tracking and real-time web visualization. Enabled efficient route optimization and dynamic traffic signal control to prioritize emergency response.

Digital library Management System

Designed and implemented a digital library management system to streamline book cataloging, borrowing, and user management. Integrated a searchable database for easy access to resources, automated issue/return processes, and generated reports for inventory and user activity.

Certificates

WEB DEVELOPMENT

Issued Organization-IGM