

BANDI ANEELA

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CAREER OBJECTIVE

To start my career in a technical role where I can use my knowledge of programming, databases, and operating systems. I want to improve my skills, solve problems, and support customers while learning new technologies and growing with the company.

EDUCATION

Master of computer application	2023-2025
University arts and science college at Warangal	CGPA:73%

TECHNICAL SKILLS

- Programming languages : Python
- Web development : HTML, CSS ,Javascript ,React
- Tools : VS code
- Databases : SQL
- Common skills: MS office, Excel, Word.

PROJECTS

IOT Enabled-smart traffic management system and urban mobility optimization.

Tools: python,C++

- Developed an IoT-enabled smart traffic management system to reduce traffic congestion and improve urban mobility.
- Used Arduino / Raspberry Pi, IR and ultrasonic sensors, ESP8266, cameras, and LEDs for real-time traffic monitoring.
- Implemented Python and C++ for sensor data processing and traffic signal control.
- Integrated Node-RED, Blynk / ThingsBoard, Firebase, and AWS IoT for cloud connectivity and data visualization.
- Enabled dynamic traffic signal control based on real-time vehicle density.
- Implemented emergency vehicle prioritization for faster response.
- Reduced vehicle waiting time by up to 30%.
- Provided intelligent route suggestions via a mobile application.
- Designed the system to be scalable for smart city applications.

Note getting and upload .

Tools:python,Django,HTML,CSS,SQL

- Developed a web-based application that allows users to upload, view, and download study notes.
- The application provides a centralized platform for students to share educational resources easily.
- Designed to improve accessibility and organization of notes in digital format.