BANDI ANEELA

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CAREER OBJECTIVE

Motivated and detail-oriented Computer Science student with a strong foundation in web development and programming, seeking a Full Stack Internship at Omnify. Eager to apply skills in HTML, CSS, JavaScript**,** React, and database management while contributing to innovative projects. Passionate about learning new technologies, solving complex problems, and collaborating within dynamic teams to deliver impactful solutions.

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, power point, Word.

ACADEMIC PROJECTS

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

This project focuses on developing an IoT-enabled smart traffic management system to improve urban mobility and reduce traffic congestion. The system uses microcontrollers like Arduino or Raspberry Pi along with IR and ultrasonic sensors, ESP8266, cameras, and LEDs to monitor real-time traffic conditions. Using software tools such as Python, C++, Node-RED, Blynk/Things Board, Firebase, and AWS IoT, the system analyses traffic data and dynamically controls traffic signals. It prioritizes emergency vehicles, reduces vehicle waiting time by up to 30%, and provides intelligent route suggestions through a mobile app. The solution is designed to be scalable for smart cities, promoting green transportation and faster emergency response through efficient and automated traffic flow management.

SOFT SKILLS

- Communication
- Problem-solving
- Hard worker
- Time management
- Consistency
- Team leading
- Quick learner