

BANDI ANEELA

Email: aneelabandi9951@gmail.com | Mobile no:7674087691

LinkedIn: www.linkedin.com/in/aneela-bandi | GitHub: <https://github.com/aneela-gth>

CAREER OBJECTIVE

A highly motivated and curious final-year undergraduate in Computer Science, eager to apply my knowledge of Java, Python, and web development in building resilient, scalable, and secure technology solutions. Passionate about automation, cloud-native architectures, and secure coding practices, I aspire to contribute to DTCC's innovative projects, grow my expertise in modern tools like Docker, Kubernetes, and Terraform, and thrive in a collaborative Agile environment while solving complex problems in the financial technology space.

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
- 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