

## BANDI ANEELA

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### CAREER OBJECTIVE

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To leverage my strong foundation in Computer Science, Data Analytics, and Machine Learning to contribute to innovative data-driven solutions at American Express. With hands-on expertise in Python, SQL, Big Data platforms, and AI/ML model development, I aim to apply analytical and problem-solving skills to build scalable, impactful models and frameworks. My goal is to drive business insights, enhance decision-making, and support the organization's vision of delivering world-class customer experiences while continuously advancing my technical expertise in cloud-based and big data ecosystems.

### EDUCATION

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

### TECHNICAL SKILLS

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- Programming languages : Python, AI, ML
- Web development : HTML, CSS , javascript, react
- Tools : VS code
- Databases : SQL
- Common skills: MS office, Excel, power point, Word.

### ACADEMIC PROJECTS

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#### 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

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