

# BANDI ANEELA

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## CAREER OBJECTIVE

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To begin my career as a Software Engineer at Stripe, where I can apply my academic foundation in Computer Science and hands-on experience in programming and collaborative projects. I aim to contribute to building scalable, reliable, and user-centric systems while continuously learning new technologies, improving software development practices, and growing as part of a high-impact engineering team.

## EDUCATION

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

## 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