

## BANDI ANEELA

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### CAREER OBJECTIVE

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Aspiring Software Developer with strong proficiency in Java, Python, and SQL, seeking to contribute technical skills, problem-solving ability, and a passion for innovative software solutions at Agilisium. Eager to apply knowledge of cloud platforms (AWS, Azure, GCP), solid foundation in programming, and collaborative mindset to contribute to impactful projects. Committed to continuous learning and professional growth in a dynamic work environment, while delivering high-quality software solutions that drive business success.

### EDUCATION

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Master of computer application  
University arts and science college

2023 - 2025  
CGPA:7.2/10

### TECHNICAL SKILLS

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|---------------------------------|---|
| • <b>Programming languages:</b> | Python  |
| • <b>Web development:</b>       | HTML, CSS, Java script, React, Mango, Bootstrap |
| • <b>Tools:</b>                 | VS code   |
| • <b>Databases:</b>             | SQL   |
| • <b>Common skills:</b>         | 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