

BANDI ANEELA

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CAREER OBJECTIVE

Aspiring Software Developer with a strong foundation in programming, database management, and data analytics principles, seeking to contribute to Johnson Controls as a Software Developer – Data Solutions. Eager to apply my skills in developing robust data pipelines, optimizing ETL processes, and creating scalable data solutions that drive meaningful insights. Dedicated to continuous learning, problem-solving, and collaborating with cross-functional teams to deliver innovative software 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
- 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