BANDI ANEELA

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CAREER OBJECTIVE

Detail-oriented and passionate Software Testing Engineer seeking to start my career with Revalsys in Hyderabad. Possess a solid understanding of testing concepts, SDLC, and STLC, along with hands-on knowledge in creating and executing test cases. Eager to apply automation testing skills using Selenium and Java, and gain practical exposure to API testing tools like Postman and Swagger. Committed to ensuring high software quality through precise defect detection, regression testing, and continuous improvement of test automation frameworks. Looking forward to contributing to innovative projects while growing as a quality-focused software professional.

EDUCATION

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

TECHNICAL SKILLS

- Programming languages :   Python,AI,ML
- Web development :   HTML, CSS ,javascript,react.js,node.js
- 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