

GANGIREDDY DHANESH

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Location: Eluru, Andhra Pradesh

Career Objective

Aspiring Software Engineer with strong foundations in Python, Java, and full-stack development. Passionate about AI, Machine Learning, and Web Technologies, seeking to apply technical and analytical skills to build scalable, data-driven solutions and contribute to innovative software projects.

Education

Bachelor of Technology (CSE) :Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru
| CGPA:8.9

Intermediate(MPC): NRI Junior College,Eluru | CGPA:9.3

SSC: SMC EM High School, Eluru | CGPA: 8.7

Technical Skills

Programming Languages: C, Python, Java

Web Technologies: HTML, CSS, JavaScript

Frameworks & Tools: Django, Flask, Bootstrap, Git, VS Code

Databases: MySQL, DBMS

Operating Systems: Windows, Linux

Soft Skills: Communication, Problem-Solving, Self-Learning, Time Management

Academic Projects

Food Re-Distribution Application

- Implementing web-based food redistribution platform, uniting hotels and charitable trusts. Utilized web design expertise to streamline communication, reduce food waste.
- Developed a dynamic web page using HTML, CSS, PHP.

TrafficTelligence

- Traffic volume estimation system developed a CNN-based ML model and Flask web app to predict traffic volume levels using real-time data, achieving approximately 85% accuracy with fast, user-friendly deployment for smart city traffic management.

Ongoing Project:

Vision-Based Real-Time Driver Drowsiness and Crash Detection System

- Developing an AI-based system using Raspberry Pi, OpenCV, and sensors to detect driver fatigue and accidents in real time and send emergency alerts via GPS.

Internships & Workshops

Internships:

- **Cyber Security Analyst Virtual Internship -- APSCHS & Smart Bridge (Jul 2024)**, gaining hands-on experience in identifying vulnerabilities and implementing security measures.
- **AI & ML Virtual Internship** – APSCHS & Smart Bridge (Jul 2025)
Worked on Python-based data preprocessing, model building, and deployment.

Workshops:

- **Cyber Security and Ethical Hacking** – Conducted by Indian Servers CEO Sai Satish
Explored cybersecurity threats, ethical hacking techniques, and system protection best practices.
- **Web Development (Django) Workshop** – SRGEC (Jan 2025)
Gained practical web app development experience using Django.

Certifications

- Programming Essentials in C – **Cisco Networking Academy**
- Cybersecurity Fundamentals – **IBM SkillsBuild**
- Privacy and Security in Online Social Media – **NPTEL**
- AI & ML Virtual Internship – **APSCHS & Smart Bridge**

Languages Known

English – Fluent

Telugu – Native