Manikanta Vanapalli

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Career Objective

Motivated Computer Science Engineering student specializing in Data Science, AI, and software development. Hands-on experience in web development, Android UI design, API integration, data analysis, and visualization. Strong problem-solving, leadership, and teamwork abilities. Eager to contribute to impactful projects in software, AI, or data-driven environments.

Technical Skills

- Programming: Python, C
- Web: HTML, CSS
- Tools: Git, VS Code, Jupyter Notebook, Android Studio
- Data: Data Analysis, Visualization, ML Basics
- Soft Skills: Leadership, Teamwork, Problem-solving, Adaptability

Projects

AI Chatbot with Groq API Integration (Completed)
Developed chatbot using Python & Groq API for real-time conversational responses and cloud-integrated workflows.

Website Development for Inter College Portal (Completed)
Built responsive college website including homepage, department pages, and inquiry contact form.

Grocery Shopping Data Analysis (Completed)
Analyzed a grocery shopping dataset using Python (Pandas, NumPy, Matplotlib) to identify purchasing trends across age groups and uncover top-bought items to support data-driven decision making.

Intelligent Object Detection (Completed)
Developed an intelligent real-time object detection system using computer vision that identifies objects via live camera input and dynamically provides contextual information about each detected object.

Internship Experience

Android Developer Intern — EduSkills (Jul 2024 - Sep 2024)
Front-end UI design for Android apps using XML, improving layout consistency.

Data Science Intern — SkillDzire (May 2024 - Jul 2024)
Data cleaning, analysis, and machine learning basics with visualization reporting.

Education

B.Tech in Data Science Engineering — Avanthi Institute of Engineering & Technology (2022 - 2026)

Intermediate (MPC) — Sri Balaji Junior College (2020 - 2022)

SSC — Govt. High School, Pendurthi (2020)

Certifications

• Data Analysis with R — Google
• Data Analytics — Google
• Data Science Certification — IBM
• Data Visualization with Python — IBM
• Data Mining Foundations & Practice — University of Colorado Boulder