

VANAM PRASHANTH

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CAREER OBJECTIVE

Computer Science Engineering student with a strong foundation in software development, data structures, and data analytics. Passionate about building scalable applications and solving real-world problems through technology. Seeking an opportunity to contribute to innovative projects while continuously enhancing technical and problem-solving skills in a dynamic organization.

EDUCATION

Bachelor of Technology in Computer Science Engineering, Teegala Krishna Reddy Engineering College Meerpet, Hyderabad
10/2023 – 2026 | Hyderabad
CGPA: 8.8

Diploma in Electronics and Communication Engineering, Government Model Residential Polytechnic Gajwel, Siddipet
07/2016 – 05/2019 | Siddipet
CGPA: 9.5

TECHNICAL SKILLS

Programming Languages
Python, Java, HTML, CSS, Java Script

Database
MySQL, PostgreSQL

Tools
DevOps, PowerBI

Frameworks
Django, Flask, RestAPI, React

INTERNSHIP

Electronic Testing and Development Centre (ETDC - STQC Lab accredited by NABL)
11/2018 – 05/2019 | Hyderabad
Gained exposure to testing and calibration services for DRDO, ECIL, and South Indian Ecil, Hyderabad industries.

PROJECTS

Integrated Face Recognition System
Developed a real-time face recognition system for live camera feeds and recorded videos. Utilized deep learning for face detection and 128-dimensional face embeddings, with SVM for classification.
Implemented video frame processing, real-time annotation, and recognition probability display

Plagiarism Analysis Application
Built a full-stack plagiarism detection system with role-based authentication using FastAPI and React. Implemented secure JWT login, file upload, document similarity analysis, real-time status tracking, and report generation.

The Pet Portal
Developed a Django-based pet adoption platform with user authentication, pet listings, adoption requests, admin management, and database-driven CRUD operations with image upload support.

NextGen Rural Development Model
Created a web platform with data analysis and geospatial mapping for rural infrastructure planning and report generation.

Smart City Automation System
Designed IoT-based systems with software development for automated streetlights, water control, and smart home features.

CERTIFICATIONS

Certified System Administrator (CSA)
ServiceNow

Data science
NPTEL

Java programming
NPTEL