

# VANAM PRASHANTH

✉ prashanthvanam61@gmail.com    ☎ +91 7036142499    📍 Hyderabad

🌐 linkedin.com/in/iprashanthvanam    🐙 github.com/iprashanthvanam

## 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