

# Dupati Gopi Nadh

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## Summary

Computer Science student with a strong foundation in Python, Data Structures & Algorithms, and AI. Keen to expand knowledge in Data Analytics and Data Science. Seeking opportunities to apply my skills and grow in a hands-on, collaborative team environment.

## Education

### R.V.R & J.C College of Engineering

B.Tech in Computer Science

AIML || 2023 – 2027

GPA: 9.41/10.0 (V sem)

- **Coursework:** Data Structures & Algorithms, Object-Oriented Programming, DBMS, Machine Learning, Discrete Mathematics, AI, Operating Systems.

## Experience

### Artificial Intelligence Intern

CodSoft || Remote || 2025

Developed real-time AI projects, Image Captioning, and Face Detection Recognition systems. Used Python, TensorFlow, and OpenCV to build and optimize machine learning models.

#### Face Detection and Recognition: [Project link](#) 🔗

- Developed a face detection and recognition AI using OpenCV (Haar Cascades, LBPH) and NumPy for image processing. Integrated face detection and recognition features for enhanced accuracy.

#### Image Captioning: [Project link](#) 🔗

- Generated image captions using BLIP-image-captioning-base model.

## Projects

### Medical Chatbot –AI-Assisted Healthcare Companion:

- Developed a voice-based chatbot for symptom analysis and preliminary diagnosis, integrating real-time sensor data (temperature, pulse, BP).
- Tools Used: IoT Sensors, Dashboards

### Smart Document Management System – AI-Driven File Organization:

- Designed an AI-driven file management platform (similar to Google Drive) with AI-based classification and semantic search using file metadata and summaries.
- Tools Used: HTML, CSS, JavaScript, and Google Cloud Platform

### Data Analytics & Dashboard: [Dashboards](#) 🔗

- Developed interactive Power BI dashboards analyzing Amazon sales performance, customer behavior patterns, and HR workforce metrics to generate actionable business insights.
- Tools Used: PostgreSQL, Python, Power BI

## Skills

### Technical Skills:

- Python, C, Java, HTML, CSS, Numpy, Pandas, Data Structures, ML, Matplotlib, Seaborn
- PostgreSQL, Figma, Power BI, Tableau, GitHub, Jupyter Notebook, VSCode, Linux

### Technical Skills:

- Self-assessment, Problem Solving & Analytical Thinking
- Collaboration, Communication, Consistency

## Accomplishments

- **Coding Competitions:** Solved 200+ problems and badges on SQL in [Leetcode](#) 🔗. Actively participated in college-level competitions
- **1st Prize in RupaJna 2024 Prototype Challenge** at R.V.R & J.C. College of Engineering
- **2nd Prize in Smart Idea Challenge 2024** at R.V.R & J.C. College of Engineering
- **Judge's Special Prize in Innovation Day Hackathon (MoE, Govt. of India)** at VR Sidhartha University
- **Consolation Prize in Agentica Hackathon 2025** at IIIT Sricity