

# THAMADAPALLY SUPRAJ REDDY

+91 9030408615    supu1513reddy@gmail.com    Hyderabad, Telangana

<https://www.linkedin.com/in/thamadapally-supraj-reddy-b5356b370/>    <https://github.com/SuprajReddy15>

## Summary

Computer Science student with experience in building backend applications, web projects, and basic machine learning models through academic and hands-on project work. Comfortable working with Python, web frameworks, SQL databases, and applying core concepts to practical problems.

## Work Experience

### Networking Virtual Internship

Apr 2024 – Jun 2024

*Juniper Networks*

*Remote*

- Worked on networking fundamentals such as routing and subnetting using virtual lab environments.
- Observed firewall configurations and basic traffic flow behavior during guided lab sessions.
- Gained hands-on exposure to network setup and monitoring concepts through simulations.

## Projects

### Resume Insight Analyzer — Python, Flask, Ollama, LLM

- Built an AI-powered resume analysis tool using a local LLM (Ollama) to evaluate resumes against job descriptions.
- Extracted skills, matched keywords, and generated insights to help improve resume relevance.

### Secure REST API Backend — FastAPI, PostgreSQL, JWT

- Developed a RESTful backend using FastAPI with structured routing, data validation, and CRUD operations.
- Implemented JWT-based authentication for secure user login and protected API access.

### Vehicle Classification System — TensorFlow, OpenCV

[Source Code](#)

- Trained a CNN-based model to classify vehicle images using a labeled dataset.
- Used OpenCV for image preprocessing and testing model predictions.

### Student Registration System — Django, MySQL

[Source Code](#)

- Developed a student registration web application using the Django framework.
- Implemented CRUD operations and database interactions with MySQL.

## Technical Skills

**Programming:** Python, C, SQL

**Frameworks:** Flask, Django, React.js, Node.js

**AI/ML:** TensorFlow, OpenCV, Pandas, NumPy, Scikit-learn

**Databases:** MySQL, PostgreSQL

**Cloud/DevOps:** AWS (EC2, S3, IAM), Docker, Git, GitHub

**CS Core:** Data Structures and Algorithms

## Achievements

- **Core Team Member — Google Developer Groups Hyderabad (GDG):** Supported organization of workshops and technical sessions.
- Contributed to collaborative learning activities and student-led technical initiatives.

## Certifications

- **AWS Certified Cloud Practitioner** — Amazon Web Services
- **Salesforce Certified AI Associate** — Salesforce Trailhead

## Education

**KL University**

*B.Tech, CSE (AI), CGPA: 9.1*

**2022 – 2026**

*Vaddeswaram, AP*