

GOLLAMONI NAGARAJU

Graduate Engineer Trainee | Software Engineer

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PROFILE SUMMARY

Motivated B.Tech graduate with hands-on experience in Python, Django, and SQL. Skilled in building web applications using MVT architecture, implementing CRUD operations, and working with MySQL databases. Familiar with HTML, CSS, and basic REST APIs. Eager to learn new technologies and contribute as an Associate Software Engineer.

TECHNICAL SKILLS

- Programming Languages: Python
- Backend: Django, Django ORM, REST APIs
- Frontend: HTML, CSS
- Database: MySQL
- Libraries & Tools: NumPy
- Developer Tools: Git, GitHub, VS Code, PyCharm
- Core Concepts: OOP, Exception Handling, MVT Architecture, File Handling, Modular Programming

SOFT SKILLS

- Problem-Solving
- Team Collaboration
- Communication Skills
- Adaptability
- Willingness to Learn

PROJECTS

Student Management System

Technologies: Python, Django, HTML, CSS, MySQL

- Developed a web-based application to manage student records using Django and MySQL, following MVT architecture.
- Implemented CRUD operations and database interactions using Django ORM for efficient data handling.
- Designed responsive user interfaces using HTML and CSS to improve usability.

Smart Control of Traffic Light Using Artificial Intelligence

Academic Project | Tech Stack: Python, AI, YOLO, OpenCV, Computer Vision

- Developed an **AI-based traffic signal system** using **YOLO** to detect vehicles from traffic images.
- Analyzed **traffic density** and dynamically adjusted signal timing using **Python and OpenCV**.
- Demonstrated **problem-solving and analytical skills** through a real-world **computer vision** use case.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Brilliant Grammar School Educational Society Group of Institutions, Hyderabad, Telangana

Percentage: 64.41% | 2020 – 2024

Intermediate in MPC

Bhavitha Junior College, Devarkadra, Telangana

Percentage: 81.7% | 2018 – 2020

CERTIFICATIONS

- Full Stack Python Developer Certification** – Naresh IT, Hyderabad
(Python, Django, SQL, HTML, CSS)