

# ADEPU UMA MAHESH

Hyderabad, Telangana

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## SUMMARY

Recent Computer Science Engineering graduate with a strong foundation in programming, data structures, and web technologies. Skilled in Python, Flask, and MySQL, with hands-on experience in real-time AI-based and web development projects. Eager to apply technical skills in a professional setting and grow as a Junior AI Developer and Full Stack Developer in a dynamic team environment.

## Education

### Parul University

*Bachelor of Technology Computer Science and Engineering*

**2021 – 2025**

*Vadodara, Gujarat*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Operating Systems
- Database Management
- Python Programming

## Experience

### Codegnan IT Solutions

*Python Full Stack Developer Training Program*

**May 2025 - Present**

*Hyderabad, Telangana*

- Covered Python (Core and OOP), HTML, CSS, JavaScript, Git, GitHub.
- Hands-on experience with Flask/Django, REST APIs, and MySQL.
- Built full-stack applications with responsive UI and backend integration.

### Inspire Leap Company

*Web Development Intern*

**Dec 2024 – Mar 2025**

*Hyderabad, Telangana*

- Collaborated with a development team to build and maintain responsive web applications using HTML, CSS, JavaScript, and React.js.
- Successfully integrated REST APIs and resolved 15+ front-end bugs, ensuring seamless functionality across different browsers and devices.
- Gained real-world experience in front-end development and team collaboration, improving both technical and soft skills.

## Projects

### Traffic Analysis for Vehicle Counting | *Python, OpenCV, Machine Learning, Flask, MySQL*

- Developed a real-time traffic analysis system that processes video input to detect and count vehicles in a designated area.
- Implemented background subtraction and contour detection techniques to accurately identify moving vehicles.
- Integrated computer vision and machine learning algorithms to improve detection accuracy and system performance.
- Designed the system for deployment in traffic monitoring and intelligent transportation applications.

### Ticketing Tool and Project Tracking System | *HTML5, CSS3, JavaScript, Python (Flask/Django), MySQL*

- Developed a web-based system for efficient project tracking, task management, and ticketing tailored for software development teams.
- Enabled users to create projects, generate tickets (tasks/issues), assign them to team members, monitor progress, and close tickets upon completion.
- Designed an intuitive dashboard that provides a real-time overview of ticket status, deadlines, and user activity.
- Enhanced team collaboration, transparency, and productivity by organizing workflows in a centralized digital platform.

## Technical Skills

**Programming Languages:** Python, C++, JavaScript, SQL

**Web Technologies:** HTML5, CSS3, Bootstrap

**Database:** MySQL

**Frameworks:** Flask, NumPy, Pandas, PyTorch

## Certifications

### Cisco Networking Academy:

**26 Feb 2023**

*Networking Essentials*

### Inspire Leap Company:

**10 April 2024**

*Web Development intern*