

# Adhitya Emmadi

LinkedIn: <http://linkedin.com/in/adhitya-emmadi/>

Email: [adhityaemmadi1@gmail.com](mailto:adhityaemmadi1@gmail.com)

GitHub: <https://github.com/AdhityaEmmadi>

Mobile: +91 6300103485

## SKILLS

---

**Languages:** Python, C++, C, HTML, CSS, and JavaScript  
**Frameworks:** Django, Flask  
**Tools/Platforms:** MySQL, Google Colab, Jupyter Notebook, Git, GitHub  
**Soft Skills:** Self-Motivated Learner, Strong Problem-solving, Adaptable, Quick learner

## PROJECTS

---

**School Management System** | Angular, Django REST Framework, MySQL, Docker, Vercel | [GitHub](#) Feb' 26

- Developed a full-stack CRUD web application using Angular and Django REST Framework with MySQL integration.
- Designed RESTful APIs handling GET, POST, PUT, DELETE operations and implemented proper data flow between frontend and backend.
- Containerized backend using Docker and deployed frontend on Vercel to simulate production-ready architecture.

**Public Transportation Demand Forecasting Model** | Python, NumPy, Pandas, Scikit-learn | [GitHub](#) April' 25

- Preprocessed and analyzed time-series ridership data using Pandas and NumPy to identify seasonal demand trends.
- Developed and compared Linear Regression, SARIMA, and Fuzzy Logic models for forecasting.
- Reduced RMSE by ~20% compared to baseline Linear Regression and evaluated performance using RMSE and R<sup>2</sup> metrics.

**Photography Tips Bot** | React, Tailwind CSS, AI Agent integration | [GitHub](#) Mar' 25

- Built an AI-powered photography assistant using React, integrating an AI agent to deliver real-time photography tips.
- Designed a responsive UI with Tailwind CSS and deployed with auto-update functionality for seamless user experience.

## TRAINING

---

**Cipher Schools (Edtech Company)** | DSA using C++ | [Link](#) Jun' 25 – Aug' 25

- Developed a C++ project implementing key data structure and algorithms (linked lists, stacks, queues, trees, and graphs)
- Applied OOP principles and dynamic memory management to design clean, modular, and maintainable code.
- Analyzed and optimized time and space complexity, followed by thorough testing and debugging using edge cases to ensure efficiency and reliability

## CERTIFICATES

---

- Cloud Computing | NPTEL | [Link](#) Sep' 25
- Computational Theory | [Link](#) Aug' 25
- Build Generative AI Apps and Solutions with No-Code Tool | Infosys | [Link](#) Aug' 24
- ChatGPT-4 Prompt Engineering | Infosys | [Link](#) Aug' 24

## ACHIEVEMENTS

---

- Hackerrank 4-star in Python Programming | [Link](#) Nov' 25
- Participated in Hackathon | InnovativeX LPU | [Link](#) Mar' 24

## EDUCATION

---

**Lovely Professional University**  
Bachelor of Technology  
Computer Science and Engineering; CGPA: **5.98**

Phagwara, Punjab  
Aug' 23 – Present

**Sree Chaitanya Jr. College**  
Intermediate  
PCM; Percentage: **85.6**

Karimnagar, Telangana  
Jun' 20 – Mar' 21

**TSMS School**  
Matriculation  
CGPA: **9.7**

Karimnagar, Telangana  
Jun' 18 – Mar' 19