

# MADINI KIRAN

Aspiring Software Engineer | Frontend Developer

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GitHub: [\[Link\]](#) | LinkedIn: [\[Link\]](#) Hyderabad, India



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## EDUCATION

### B.Tech in Computer Science and Engineering

CMR College of Engineering and Technology | CGPA: 8.07 (2022–2026)

### Intermediate (MPC)

Narayana Junior College | Marks: 986 (2020–2022)

### SSC

Matrusri High School | CGPA: 10.0 (2020)

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## TECHNICAL SKILLS

**Programming** : Python, C/C++

**Database** : MySQL

**Frontend Developer** : HTML, CSS, JavaScript, Bootstrap, Tailwind CSS

**Tools** : VS Code, Git/GitHub

**Coursework** : DBMS , Oops Concepts , DSA , Operating Systems , Computer Networks

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## PROJECTS

### Rainfall Prediction – [\[LINK\]](#)

- The project uses the Austin weather dataset and performs data cleaning by removing unnecessary columns, replacing missing or invalid values ('T' and '-') with zeros, and saving the processed data for model training.
- A Linear Regression model is trained using features like temperature, humidity, and wind speed to predict rainfall (precipitation). The project also visualizes rainfall trends and relationships between weather attributes using Matplotlib.

### Digit Recognition – [\[LINK\]](#)

- Built a Convolutional Neural Network (CNN) model trained on the MNIST dataset to accurately recognize handwritten digits (0–9).
- Integrated a user-friendly Tkinter interface that allows users to draw digits on a canvas and instantly get AI-based predictions.

### Personal Portfolio Website – [\[LINK\]](#)

- Developed a personal portfolio using HTML CCSS
  - Created sections like Home, About, Projects, and Contact
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## CERTIFICATIONS

- AWS Academy Graduate** – Cloud Foundations, Amazon Web Services (2024) [\[Certificate\]](#)
  - Python Programming** – Infosys Springboard (2024) [\[Certificate\]](#)
  - AI Advance** – Hexart.in (2025) [\[Certificate\]](#)
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## PROFILE LINKS

- LeetCode: [\[Link\]](#)
- GeeksforGeeks: [\[Link\]](#)
- CodeChef: [\[Link\]](#)