

MADINI KIRAN

Aspiring Software Engineer | Frontend Developer

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GitHub: [\[Link\]](#) | LinkedIn: [\[Link\]](#)

Hyderabad, India



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)

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

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 & CSS
- Created sections like Home, About, Projects, and Contact

CERTIFICATIONS

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

PROFILE LINKS

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