

# MAMINDLA PAWAN YADAV

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## Objective

I am a passionate AI & ML Engineer with skills in Full Stack Web Development and Python programming. I have built real-time projects like an Instagram clone and rainfall prediction system. Skilled in Python, HTML, CSS, JavaScript, MongoDB, and experienced in ML model development. Also familiar with design tools like AutoCAD and Solid Vision.

## Education

**Nalla Malla Reddy Engineering College**

*B.Tech Computer Science in AIML*

July 2025

Current GPA: 7.2/10.0

**Government Model Residential Polytechnic, Gajwel**

*Diploma in Mechanical Engineering*

June 2022

GPA: 7.43/10.0

## Skills

**Programming & Databases:** Python, Java, MySQL, JavaScript, MongoDB

**Tools & Platforms:** GitHub, MS Excel, PowerPoint, Claude, Gemini, VS Code, LM Studio, LLM, GenAI, Auto Cadd

**Concepts:** Artificial Intelligence, Prompt Engineering, Basic ML Algorithms, Data Collection and Evaluation, API, Data Structures & Algorithms, Summarization, Data Annotation and Model Validation.

## Projects

### INSTAGRAM CLONE USING MERN STACK ([insta-clone](#))

Jan 2024 - Apr 2024

- Developed a fully functional Instagram-style social media web app using the MERN stack (MongoDB, Express.js, React, Node.js) during a Full Stack Bootcamp with UpGrad.
- Tech Stack: HTML, CSS, JavaScript, Python, and MongoDB, Render (backend) and vercel (frontend)

### RUMORS STANCE PREDICTION (**miner project**)

Oct 2024 - Dec 2024

- By harnessing advanced deep learning architectures such as LSTM and CNN, we can accurately analyze user-generated content.
- Tech Stack: Python, MySQL, Pandas, LSTM, CNN

### RAINFALL PREDICTION USING MACHINE LEARNING ([PROJECT](#))

Feb 2025 - Apr 2025

- Developed a predictive system using ML algorithms like Linear Regression, Random Forest, LSTM, and Decision Tree to forecast rainfall based on historical weather data.
- Tech Stack: Python, Linear Regression, Random Forest, LSTM and Decision Tree.

## Work Experience/Internships

### UPGRAD | Full stack developer

Oct 2024 - Dec 2024

- Completed a 6-month intensive bootcamp; developed a fully functional Instagram clone using HTML, CSS, JavaScript, Python, and MongoDB. Gained hands-on experience in building and deploying full stack web applications.
- Developed a fully functional Instagram-style social media web app using the MERN stack (MongoDB, Express.js, React, Node.js) during a Full Stack Bootcamp with upGrad.
- The platform features user authentication (JWT), profile creation, image posting, liking, commenting, and responsive design.
- I focused on clean user experience with real-time updates, dynamic post loading, and UI feedback during actions like liking or commenting.

## Certifications

Full stack developer in Upgrad | Python for Machine Learning | Data Analytics Essentials | Introduction to Artificial Intelligence | Auto Cadd design in Cadd center