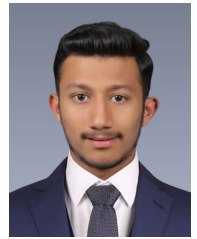


Prathmesh Mane

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🌐 [linkedin](#) 🐙 [GitHub](#)



EDUCATION

Rajarambapu Institute of Technology

B.Tech - CSE(Artificial Intelligence Machine Learning) - CGPA - 7.40

2022 – 2026

Islampur, Maharashtra

Willingdon College Sangli

Board Percentage - 57.17% CET Percentile - 89.50%

2020 – 2022

Sangli, Maharashtra

PROJECTS

Plant Disease Detection | Python, OpenCV, CNN, Google Colab

2024

- Developed a Convolutional Neural Network (CNN) model for classifying plant diseases using TensorFlow and Keras.
- Utilized data augmentation techniques to enhance the dataset and improve model performance.
- Implemented real-time disease detection via webcam integration for practical, on-the-go diagnosis.
- Processed and visualized image data using OpenCV and Matplotlib for better insights into model predictions.
- Achieved high accuracy by fine-tuning model parameters and optimizing training using Google Colab's GPU acceleration.

IOT BASED FOREST FIRE DETECTION | HTML, CSS, JS, PHP, Mysql.

2023

- Developed an IoT-based forest fire detection system to monitor and alert for potential forest fires in real-time using sensors and web technologies.
- Integrated various sensors to detect temperature, humidity, and smoke levels, transmitting data to the server in real-time.
- Developed the back-end server using PHP, ensuring efficient handling of sensor data and server-side logic.

Project Portfolio 📄 | HTML, CSS, JavaScript

2023

- Designed and developed a responsive project portfolio website using HTML, CSS, and JavaScript to showcase personal and academic projects.
- Integrated interactive features like dynamic filtering and project previews for enhanced user experience.
- Incorporated modern design principles with clean UI and smooth navigation for a professional look.

TECHNICAL SKILLS

Languages: Python, C++, SQL

Data Structure And Algorithm

Developer Tools: VS Code, Google Collab, dev C/C++

Technologies/Frameworks: Git, GitHub, Hugging face

CERTIFICATIONS

- Eduskill TECHCAMP on ALTAIR Data Science Master.
- Machine Learning Professional.
- Deep Learning for Developers.
- Swayam Online Course Certificate.
- Beginner HTML and CSS: Build your own personal blog.

EXTRACURRICULAR

Student Association Of Artificial Intelligence(SAAI)

Nov/2023 – July/2025

Treasurer

RIT, Islampur

- Currently serving as Treasurer, successfully managing finances and coordinating various technical and non-technical events within the committee.
- Played a key role in organizing AI Fusion, a state-level event, ensuring smooth execution and active participation.