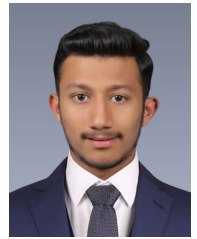


Prathmesh Mane

☎ +919373951730 ✉ prathmesh.mane8604@gmail.com

🌐 [linkedin](#) 🐙 [GitHub](#)



EDUCATION

Rajarambapu Institute of Technology

*B.Tech - CSE(Artificial Intelligence Machine Learning) - **SGPA - 8.17***

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, Gradio, CNN, Google Colab

2024

- Developed a CNN model with TensorFlow and Keras for plant disease classification, leveraging data augmentation for improved accuracy.
- Integrated real-time detection via webcam and utilized OpenCV Matplotlib for visualization.
- Optimized training with Google Colab's GPU acceleration.

IoT-Based Forest Fire Detection | HTML, CSS, JS, PHP, MySQL

2023

- Developed an IoT-based forest fire detection system for real-time monitoring and alerts.
- Integrated sensors for temperature, humidity, and smoke detection with real-time data transmission.
- Built the back-end server using PHP for efficient data handling and processing..

Malicious URL Detection | Python, scikit-learn, tld, Flask, Pickle

2025

- Developed a machine learning-based system for automatic malicious URL detection. The system extracts key URL features such as length, special characters, and domain reputation
- It utilizes XGBoost (XGBClassifier) for classification, with feature scaling using StandardScaler and label encoding with LabelEncoder.
- The trained model preprocesses and analyzes new URLs, extracting features before making predictions.

TECHNICAL SKILLS

Languages: Python, C++, SQL

Skills: Machine Learning, Deep Learning, OOP

Developer Tools: VS Code, Google Colab, Dev-C++

Technologies: GitHub, Hugging Face

CERTIFICATIONS

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

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.