



Contact

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Skills

- Web Development
- Data Science
- Deep Learning

Certificates

MIT Shark Tank – MIT Chhatrapati Sambhaji Nagar | Mar 2025

Participated in a **startup pitch competition**, presenting innovative ideas and solutions. Enhanced skills in **entrepreneurship, business pitching, and project presentation**, collaborating with peers to refine concepts for real-world impact.

HP LIFE – Data Science & Analytics | HP Foundation, Oct 2025

Completed training in **data analysis, visualization, and analytics techniques using Python**.

MIT AI Hackathon | MIT Chhatrapati Sambhaji Nagar, Mar 2025

Collaborated on **AI/ML-focused projects**, gaining hands-on experience in problem-solving and model implementation.

Code With Harry – Data Science Course | Sep 2025

Completed a **comprehensive Python-based data science program** covering NumPy, Pandas, Matplotlib, and real-world projects.

Pranav Khaire

Profile

Aspiring B.Tech in Computer Science and Design student at MIT, Chhatrapati Sambhaji Nagar (Aug 2024 – 2028). Passionate about **Data Science, AI, ML, and Full Stack Development**, with strong foundational skills in **Python, Flask, HTML, CSS, JavaScript, and Tailwind CSS**. Eager to apply my knowledge to real-world projects, drive innovation, and solve complex problems. Currently seeking **internship opportunities in Data Science, AI, and Machine Learning** to gain practical experience and contribute to impactful projects.

Education

B.Tech/BE (Bachelor of Technology/Bachelor of Engineering)

- 📍 GS Mandal Maharashtra Institute of Technology, Aurangabad
- 📅 2024 - 2028 • Graduation • Computer Science And Engineering

I am pursuing my B.Tech in Computer Science and Engineering at GS Mandal Maharashtra Institute of Technology, Aurangabad. My coursework provides a strong foundation in computer science principles and software development. I am eager to apply my knowledge and skills to contribute effectively to innovative projects and gain practical experience within the field.

Projects

Carbon Creadit MRV System

[Project Link](#)

Blockchain-Based Blue Carbon Registry & MRV System

Role: Full Stack Developer | **Tech Stack:** Python, Flask, React, Tailwind CSS, Solidity, Web3.py, MongoDB, Folium | **Blockchain:** In Progress
Developed a **Flask-based web app with blockchain integration** to track and verify blue carbon restoration projects (mangroves, seagrasses, salt marshes).

Key Features:

- Immutable blockchain-style registry for project data.
- ERC20 smart contract simulation for tokenizing verified carbon credits.
- NGO/community project uploads with CSV/JSON support.
- Admin dashboard for project verification and credit issuance.
- Interactive dashboards and maps using Folium.
- Drone image analysis-ready (EXIF & metadata processing).

Impact: Enabled transparent, tamper-proof tracking of climate projects with tokenization-ready design.

Future Scope: Deploy smart contracts on Ethereum/Polygon, integrate AI for satellite image detection, and develop a mobile app for field officers.

Achievements

1st Prize – Project Competition, IETE Student Forum (ISF)

Part of a 4-member team from **MIT, Chhatrapati Sambhaji Nagar** that secured **1st place** in a project competition organized under **TECH SURYA IT SOLUTION** on **Oct 14, 2025**. Presented an innovative project, collaborated effectively, and engaged with the tech community.

Responsibility