ATHARVA JAMDADE

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EDUCATION

University Of Mumbai - (Vidyalankar Institute of Technology)   Mumbai, India
Bachelors of Engineering in Information Technology.   *Nov. 2022 – Present*

EXPERIENCE

Smart India Hackathon 2024 – Finalists   *Nov. 2024–Dec. 2024*

- **Backend Development with Django:** Built the backend for "Green Post AI," integrating AI-powered image processing for cleanliness detection and LiFE monitoring, with dynamic data visualization and robust database management.
- **Role-Based Access and Cloud Integration:** Implemented role-based access control and integrated Cloudinary for storing and processing CCTV images with google Gemini API.
- **Real-Time AI Integration:** Designed MySQL schemas to manage geolocated data and automated compliance alerts using AI models for real-time cleanliness monitoring.

Website Maintenance and GitHub Management – IEEE VIT   *Jun. 2024 – Present*

TechWeb Head: Maintained the IEEE VIT website and GitHub account, enhancing functionality, user experience, and team collaboration.

ACADEMIC PROJECTS

Daily Lecture Record System   *Apr. 2024 – May.2024*

- Built a Django-based application for managing lectures, enabling faculty to log activities, HODs to monitor progress, and admins to manage schedules efficiently.

Heart Disease Prediction System   *Aug. 2024 – Sep. 2024*

- Developed a Django web app using KNN, Random Forest, Decision Tree, and Logistic Regression to predict heart disease, with confidence levels and comparison visualizations.

Green Post AI (SIH Finalist)   *Aug. 2024 – Dec. 2024*

- Created a Django backend integrating Google Gemini API for cleanliness detection, with role-based access, MySQL schema design, and Cloudinary integration.

Uber Clone   *Nov. 2024 – Jan.2025*

- Built an Uber-like app with the MERN stack and WebSockets for real-time tracking, booking, and communication, ensuring scalability and seamless user experience.

Nourish AI   *Jan. 2025 – Feb. 2025*

- Nourish AI is an AI-powered food redistribution platform that connects surplus food from donors to NGOs, optimizing allocation with real-time tracking, demand prediction, and smart logistics to minimize waste.

AWARDS AND CERTIFICATIONS

- **Smart India Hackathon 2024 Finalist**.
- **TechWeb Head at IEEE-VIT Student Branch (2024-2025) ,**
- **Top 7th team at ODOO x Nirman'25 hackathon**
- **InnovateYou Techathon 2.0 Finalist**

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript.

Frameworks: React, Node.js, Express.js, Django, Django REST Framework, Flask.

Core Skills: OOPS, DSA, Computer Networks, DBMS, Operating System.

Developer Tools: Git, GitHub, Visual Studio Code, PyCharm, IntelliJ, Eclipse

Clouds/Databases : MySQL, NoSQL – MongoDB, POST GRE, Cloudinary.

Libraries: Pandas, NumPy, Matplotlib

AI ML Tech-Stack : CNN, Deep Learning, Open-CV