Eshaan Padhye

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Projects

GreenPostAI (Repository Link)   Dec'24

A Swachhta **AI Powered Dashboard** to monitor clean and green practices in Indian Post

1) Fully Automated AI integrated innovative, Feasible and scalable solution for **Smart India Hackathon 2024**

2) Detects **Garbage, Garbage type, Percent Waste Area, Cleanliness Score, real-time alerts, Compliance Score**

3) Displays all the data of updates in charts like graphs, line-chart, histogram, pie-chart for more efficiency

4) Features: **Reward Recognition System**, **Performance metrics**, LiFE practices campaigns

5) Fetch **electricity and water bill using gemini API** and gives **AI based suggestions for save energy and water**

6) Built using **PHP, Python, Gemini API, MySQL, CNN, Cloudinary, Javascript, Twilio, Post API, Maps API**

Real-Time-Chat-App (Repository Link)   Dec'24

A **Real-Time Chat App** for users to chat and share images and important files based on **Responsive UI**

1) **Dynamic Web application** with user interactivity in real-time with efficient performance with reactive design

2) **User can add/update profile, status, add bio, view last seen, view online status, share media** and view it

3) Authentication done using **Firebase Auth and Firestore** for data storage and cloud for images

4) Frontend designed using **React, Toastify** alerts quick and responsive user experience.

Her_Sentinel (Repository Link)   Aug'24

An **Automated Surveillance System** to detect Anomaly against Women and **trigger SOS ALERT**

1) Triggers **instant dynamic alerts to police station** if any anomaly acts against women

2) **Women surrounded by men, Lonely women at night, distance of men, women decreasing** such edge cases

3) **Women can also trigger SOS with a sign and CCTV can read the facial expressions** too for sending alerts

4) Built using **CNN, Python, Flask, Twilio API, YOLO,TensorFlow,HTML,CSS, Javascript, Mediapipe,Hugging Face**

College - Compass (Repository Link)   July'24

A Website to **help students** find engineering colleges in Maharashtra based on their MHT CET or JEE Main percent.

1) Enables students to **predict eligible engineering colleges based on percentile** and seat type (EWS, Open, OBC, etc.).

2) Filters results by **preferred engineering branches** like Computer Science, Mechanical, Civil, and others.

3) Implemented **Frontend using React and Backend using Firebase** database for better user experience.

Work Experience

Smart India Hackathon - Team Lead   Aug'24 - Dec'24

1) Strategized and delegated tasks effectively, ensuring on-time completion of project deliverables.

2) Collaborated with industry mentors and stakeholders to incorporate real-time feedback.

3) Delivered a polished presentation and demo of the final product to the experts, showcasing technical knowledge.

4)Unified a team of diverse talents, ensuring seamless collaboration and innovation.

5) Transformed complex challenges into user-centric solutions within strict deadlines.

6) Managed end-to-end project lifecycle, from ideation to final code deployment.

Technical Skills

Languages/Technologies : C | Java | Python | JavaScript

Web Development : React js | Node js | Express js | Tailwind CSS | HTML 5 | PHP | Flask | Git | REST APIs

Clouds/Databases : MYSQL | POST GRE | PHP MY ADMIN | Cloudinary | Firestore | MongoDB | Firebase

Relevant Skills : Object Oriented Programming | DSA | Computer Networks | DBMS | Operating System

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

Education

Vidyalankar Institute of Technology, Mumbai, India   2022 - Present

BTech in Information Technology   CGPA - 9.53

Achievements

Smart India Hackathon 2024 Finalist - Team Leader

Secured 7th place **in Internal Hackathon out of 108 teams**

Toyota Kirloskar Motors Road Safety Hackathon Mentor **- 2 teams**

Solved 100+ DSA questions overall on Leetcode**, Geeks for Geeks,** HackerRank

Badges on HackerRank : Silver Badge Java

Badges on HackerRank : Silver Badge Python

Rotary Youth Exchange in Brazil 2019-2020 - Cultural Exchange

Odoo-Hack Nirman 2025 Hackathon **secured position under** top 7 out of 550 teams.

School Captain 2018-19