KUNAL VICHAVE

Software Developer

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CAREER SUMMARY:

Computer Science graduate specializing in Artificial Intelligence and Machine Learning with hands-on experience in developing AI-powered web applications. Skilled in Python, Flask, React, and TensorFlow, with a portfolio of projects that demonstrate practical problem-solving and end-to-end development. Actively exploring DevOps and MLOps to enhance model deployment and scalability. Strong collaborator, quick learner, and passionate about building innovative solutions that create real-world impact.

EDUCATION:

BTech - Computer Science and Engineering with (Artificial Intelligence and Machine learning)

University of Mumbai

Place - Kopar Khairane (Navi Mumbai)

2022 -2025

Average GPA -8

Diploma - Computer Engineering

Mumbai University

Place - Dombivli

2019 - 2022

Percentage 85.54

PROJECTS

SocioFy   (GitHub)

Created a social media analytics tool that fetches Instagram data and performs sentiment analysis on post comments. Enabled dynamic data plots and integrated Facebook Graph API and social login.
Tech: Django, TensorFlow, Sentiment Analysis, Plotly, Facebook Graph API

BackPack (GitHub)

Designed and deployed an API-based platform to help users report and find lost items. Features include image upload, CRUD operations, location-based filtering, and JWT-based authentication.
Tech: Flask, JWT, SQLite, Heroku, Render, GitHub

DocBerg   (GitHub)

Created a web application which provides services related to documents such as - Resume Analyzer with suggestions, Document conversion, Image text extraction. From this project I have learned and enhanced skills to use Tensorflow, NLP, OCR, Flask, Tailwind CSS, Javascript

CogtnitiveBerg   (GitHub)

Built a virtual interview practice platform that simulates conversations with multiple AI interviewers. Used Gemini API for real-time dialogue generation and visualized performance analytics using Chart.js.
Tech: Flask, Gemini API, React, Next.js, Chart.js

PARTICIPATON

- **LTCE AIML Department Level**
  - Achieved 2nd Rank
- **SIH**- Smart India Hackathon
- **HackOverflow 2.O** - National level hackathon (Pillai)
- **Logithon** - Softlink Global Pvt. Ltd.
- **ML Quest Hackathon** - G. H. Raisoni College of Engineering (GHRCE), Nagpur
  - Achieved 3rd Rank
- **HackCelestial -** National Level Hackathon (Pillai Tech Alegria)

PROFESSIONAL EXPERIENCE

AI-Powered Gym Website (Freelanced)

Delivered a complete web application for a gym, integrating AI-driven features such as smart workout recommendations and chatbot assistance. Developed responsive UI, enabled real-time feedback, and enhanced user engagement through intelligent features.
Tech: Flask, JavaScript, Tailwind CSS, LLMs, SQLite3, Hosting, Deployment

Live Product Catalogue Page (Freelanced)

Contributed to a live e-commerce project by building a dynamic and responsive product catalogue page with features like category filters, image previews, and responsive grids. Worked closely with UI/UX teams and optimized front-end performance.
Tech: HTML, CSS, JavaScript, React, API Integration

YBI Foundation (Internship)

Intelligence and Machine Learning Intern Remote Developed a machine learning model to predict home values as part of a project. This involved data preprocessing, model building, and evaluation using Python and relevant libraries.
Tech: Python (Tensorflow, Pandas, Numpy), Scikit-learn

SKILLS

Hard Skills -

- Languages: Python, JavaScript, HTML, CSS
- Frameworks: Flask, Django, React, Next.js
- AI/ML & GenAI: TensorFlow, Scikit-learn, LLMs, RAG, NLP, OCR, GenAI, Pandas, NumPy
- Web Tools: Jinja, Tailwind CSS, Bootstrap, AJAX
- Data Viz: Plotly, Chart.js, Matplotlib, Seaborn
- Databases: MySQL, SQLite, MongoDB
- Others: Git, Docker (learning), Firebase, Selenium, BeautifulSoup

Soft Skills -

- Integrity
- Teamwork
- Creativity
- Problem solving
- Critical thinking