Swarnim Yawale

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EDUCATION

Vishwakarma Institute of Technology	**Expected 2026**
B.Tech in Information Technology (CGPA: 8.92)	Pune, Maharashtra
Dr. Ambedkar College, Nagpur	**2022**
HSC (Percentage: 89.17%)	Maharashtra State Board
New Orange City Convent, Warud	**2020**
SSC (Percentage:95.6%)	Central Board of Secondary Education

PROJECTS

Interactive Map-Navigator

- Built an AI framework using ViTs, EfficientNet B3, and XGBoost for skin cancer detection on the HAM10000 dataset.
- Enhanced model interpretability with Grad-CAM, SHAP, and LIME, providing visual and quantitative insights.
- Improved diagnostic transparency, equipping clinicians with a reliable AI-driven decision-support system.

Tour Planner website with Chatbot and VR Tour
- Developed a Tour Planner website with Chatbot and Virtual Reality (VR) Tour functionality using Flask for backend development, HTML/CSS for frontend design, and JavaScript for interactive elements.
- Enhanced user experience by providing a comprehensive platform for planning tours, integrating interactive features like Chatbot assistance and VR tours to engage users more effectively.

Langchain-based PDF Parser

- Developed a PDF parser using Langchain to assist students in generating academic reports.
- Ensured data security by protecting sensitive information from open LLMs.
- The project was designed to enhance efficiency in academic report generation while maintaining strict data privacy.

SKILLS

C | C++ | Java | HTML | CSS | JavaScript |Figma | Git | MySQL | Machine Learning |MS Excel | Power Bi |
JupyterNotebook | Data Analytics | Agile | Scrum | DevOps

Experiences

Head of Branding   June 2024 - Present
Microsoft Learn Students Club, VIT Pune
- Handling a team of 15 individuals to enhance the club's Brand image, resulting in increased social engagement.
- Managed events and workshops as part of club activities within MLSC focused on buzzing technologies like Web3, AI/ML.

Design Coordinator   September 2023 – April 2024
Entrepreneurship Development Cell, VIT Pune
- Enhanced club visibility and engagement through creative designs while facilitating networking opportunities within the start- up community for club members.
- Networked with Founders of some well-known start-ups and got to learn their thought process and journey.

Achievements

Secured 3rd place in a UI/UX hackathon hosted by MLSC VIT Pune, demonstrating proficiency in user-centered design and problem-solving.