

HARSH HARSHIT SANCHANIYA

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EDUCATION

Marathwada Mitramandal's College of Engineering

Pune - 411057

Bachelor Of Engineering in Information Technology

2021-2025

GPA: 8.94

TECHNICAL SKILLS

Languages and Frameworks: JavaScript, HTML/CSS, Python, C++, TypeScript, React.JS, FastAPI, Django

Developer Tools: Visual Studio Code, Google Colab, Kaggle, Git, GitHub, Jupyter, PyCharm.

Libraries: OpenCV, Pandas, NumPy, Matplotlib, Scikit-Learn.

Environments: Ubuntu, Windows, Mac

Soft Skills: Leadership, Teamwork, Communication, Adaptability, Problem-Solving, Analytical-skills

EXPERIENCE

GIS Intern at Varaha ClimateAg Pvt Ltd, Bengaluru, Karnataka

Dec.2023 - Mar.2024

- Proficiently annotated over 1000 satellite images and meticulously prepared structured datasets, ensuring accuracy and adherence to labelling standards, to support the development of machine learning models for agricultural and environmental applications.

Web Development Intern at Elite Softwares, Pune, Maharashtra, India

Nov.2022 - Jan.2023

- Learned Full Stack Web Development along with Python and Django Framework.
- Engineered and deployed a highly scalable web application with an automated deployment environment, resulting in a 40% reduction in deployment time and increased client satisfaction.

PROJECTS

Python powered AI Desktop Assistant | OpenAI API, Python, PyCharm

Jun.2023

- Developed a Python-based AI desktop assistant utilizing OpenAI API to provide personalized chatbot capabilities, offering natural language interaction and task automation.
- Integrated speech synthesis capabilities to enable the assistant to engage in human-like conversations, enhancing user interaction and functionality beyond standard chatbots.

AI Virtual Whiteboard | OpenCV, Mediapipe, Python, PyCharm

Nov.2022

- Developed an AI-powered virtual whiteboard, enabling real-time hand gesture recognition through a webcam to draw and write on a digital canvas.
- Implemented computer vision techniques to track hand movements accurately, transforming the traditional whiteboard experience into an interactive and intuitive digital platform for presentations, resulted in 25% reduction in presentation preparation time.

HONOURS / ACHIEVEMENTS

- Member Of Institute of Electrical and Electronics Engineers (IEEE).
- Successfully completed two certification programs, Crash course on Python offered by Google and Supervised Machine Learning: Regression and Classification, offered by DeepLearning.AI and Stanford University through Coursera.
- Secured Runner up Position in a Startup Ideathon event arranged by MES College of Engineering, Pune. (Startup idea was based on revolutionizing automotive industry by integrating software solutions)
- Engaged in a hands-on GitHub Workshop organized by the IEEE club, actively collaborating with peers.