PRAJYOT MANE

STUDENT - Computer Engineering

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Profile Summary

Diploma graduate progressing in B.Tech Computer Science Engineering, deeply passionate about learning, contributing, and collaborating to provide innovative solutions to make an impact. Committed to continually expanding knowledge, actively seeking new learning opportunities, and embracing new challenges.

Professional Skills

- Java Programming
- UI Design (HTML / CSS)
- Machine Learning
- Python Programming
- Data Visualization Python
- Programming CNN Development

Education

B.Tech in Computer Science and Engineering
Ajeenkya D.Y Patil University

Present

Diploma in Computer Engineering:
Cusrow Wadia Institute of Technology, 88.67%

Sep 2020 - Jun 2023

SSC Examinations:
Immanuel Marthoma School, 91.06%

Jun 2007 - Apr 2020

Experience

- **Hands-Free Voice Interface for LLM Virtual Assistant**
  Developed a hotword-enabled voice interface using Whisper for accurate transcription. This project, designed to function as a virtual assistant, aims to enhance user interaction with Language Model (LLM). Future developments include integrating a vector database and expanding functionalities for executing local machine actions, showcasing a commitment to seamless and intelligent virtual assistant capabilities.

- **Hunar Hub (Google Solutions Submission)**
  HunarHub is a platform empowering daily wage workers by connecting them directly with users needing their services. Our app allows workers to showcase their skills, connect with nearby users, and access learning resources via our Gen AI chatbot to improve their livelihoods.

- **Diploma Final Year**
  (Research Assistant to Prof.V.B Kamble)
  Spearheaded the development of a highly sophisticated Convolutional Neural Network (CNN) model, ensuring precise identification of spliced images, thereby supporting a comprehensive tampered image detection platform. Orchestrated the implementation of an advanced signature matching module, leveraging cutting-edge techniques such as Scale-Invariant Feature Transform (SIFT) and K-Nearest Neighbors (KNN) Brute Force matching, thereby augmenting the platform's resilience in authenticating signatures with utmost precision.

- **AnalytiQ Global Solutions (Intern)**
  Assisted the web design team in developing and maintaining responsive websites for clients, following industry best practices and design standards. Contributed to the implementation of user-centered design principles, ensuring a seamless and intuitive user experience.

Interest

- Cycling
- Photography
- Cooking