MUSTAFA ANSARI

Ambala, Haryana, 133207

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Education

Maharishi Markandeshwar (Deemed to be University)   **2022-2026**
B.Tech-CS Engineering (Data Science) **CGPA- 8.83**   *Ambala, India*

Relevant Coursework and Skills

Languages: Python, Java, JavaScript, MongoDB, SQL
Frameworks Libraries: Scikit-learn, TensorFlow, Keras, Pandas, NumPy, Flask
Tools Platforms: Jupyter Notebook, Docker, Git, Kaggle

WORK EXPERIENCE

Bluestock Fintech   **Dec 2024 - Present**
SDE intern   *Remote*

- implemented a **deep learning-based Sign Language Recognition System** using Python and TensorFlow. The model achieved an impressive **92% accuracy** on test data, showcasing its effectiveness in recognizing hand gestures accurately.
- Preprocessed and annotated a dataset of over **10,000 sign language images** to ensure high-quality input for training. This effort significantly improved the model's performance and enhanced its learning efficiency.

PROJECTS

BiteNow | *Spring Boot, React.js, MySQL, Redis, Tailwind CSS*   **Live GitHub** | **Feb 2024**

- Developed a comprehensive job portal enabling user registration, profile management, job search, and application tracking, with social media login integration.
- Implemented secure authentication using **JWT**, role-based access control, and email OTP functionality to ensure platform security.
- Optimized front-end responsiveness and animations using **Tailwind CSS** and **Mantine**, delivering a seamless user experience across devices.

Remove Background of Images   **Live GitHub** | **Feb 2024**

- Developed a user-friendly tool to **remove image backgrounds effortlessly** using a **custom-trained Machine Learning model**, enabling precise background elimination with high accuracy.
- Integrated features for **image upload, side-by-side comparison of original and processed images**, and **download options**, enhancing the overall user experience.

DrivePrice − Machine Learning for Car Valuation   **Live GitHub** | **Feb 2024**

- Developed a **car valuation tool** powered by a Machine Learning model, enabling accurate price predictions with a mean absolute error of **under 5%** across 10,000+ test samples.
- Integrated a user-friendly interface to upload vehicle details and obtain instant valuations, serving over **1,500+ users** within the first month of launch.

Achievements & Extracurriculars

- Solved over **1000+ coding problems** on platforms like LeetCode, CodeChef, and GFG.
- **5-star rating in Competitive Programming** and actively participated in contests, consistently achieving strong ratings in problem-solving challenges on platforms such as Codeforces, GeeksforGeeks, CodeChef, LeetCode.
- **Technical Head of MMDU E-Cell** (Sep 2024 - Present): Lead the technical team and developed the full-stack **MMDU E-Cell web app** as a volunteer.
- Achieved 5-star rating in Problem Solving, Python, and Java on HackerRank.
- Member of the **EddieHub open-source community** since 2022, contributing to collaborative open-source projects.
- Participated in multiple hackathons including **Tata Imagination Challenge 2024: Student Track**, **Prod-E-G Hackathon**, and **CodeClash VIT Vellore**.