

MUSTAFA ANSARI

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Portfolio

Education

Maharishi Markandeshwar (Deemed to be University)

2022-2026

B.Tech-CS Engineering (Data Science); CGPA- 7.63

Ambala, India

Skills Summary

Languages: Python, JavaScript, Java

Full Stack Development: ReactJS, Flask, Node.js, Firebase, MySQL, MongoDB, Spring Boot, Spring, Security, JPA/Hibernate, Tailwind CSS, PostgreSQL

Machine Learning: NumPy, Pandas, scikit-learn, PyTorch, Matplotlib, spaCy, NLTK

Developer Tools: Git/GitHub, Linux, Jupyter, IntelliJ IDEA, Eclipse, PyCharm, Docker, AWS

Experience

MDTRESY Medical Travel Pvt. Ltd

April 2024 - June 2024

Machine Learning Trainee

New Delhi

- Spearheaded the development of a **sign language recognition system** using **Python**, **TensorFlow**, and **OpenCV**, working collaboratively with a **multidisciplinary team**.
- Implemented **joblib** for **model serialization** and **deserialization**, streamlining **deployment** and enhancing **scalability**.
- Standardized **data preprocessing** and **feature engineering** processes, significantly optimizing **model performance** and **accuracy**.

COSMIC365.AI

May 2024 - Present

Associate Intern

Remote

- Developed strategic **product roadmaps**, ensuring products met and exceeded **customer expectations** through effective **design** and **management**.
- Engaged in **product development**, **QA**, and **IT infrastructure management**, leveraging **cutting-edge technologies** to deliver **high-quality solutions**.
- Utilized **data** and **AI technologies** to drive **innovation**, organizing **data management** and exploring **AI solutions** to enhance **efficiency**.

Projects

Movie Recommendation System | Python, Flask, Docker, GCP

- Developed and deployed a Movie Recommendation System using supervised **machine learning models** and **collaborative filtering algorithms** to deliver real-time personalized suggestions based on user preferences and behavior, enhancing overall user experience.
- Built the website using **3-tier architecture**, implemented in **Python** with **Flask** framework; **containerized** with **Docker** for streamlined maintenance and deployed on **GCP** to optimize costs.

Machine Learning for Car Valuation | Python, Machine Learning

- Developed a car price prediction model using supervised **machine learning techniques**, enabling accurate forecasting of vehicle prices based on comprehensive data analysis, benefiting buyers and sellers in the automotive market.

Remove Background of Images | Python, Machine Learning, Streamlit

- Developed an interactive web application for **background removal** using **Machine Learning**.
- Deployed live on **Streamlit**, demonstrating real-time image processing and enhancing project visibility.

Portfolio Website | Bootstrap, CSS, HTML, JavaScript, Firebase

- Developed a dynamic portfolio website using **Bootstrap**, **CSS**, **HTML**, and **JavaScript**, ensuring optimal visibility and accessibility for users.
- Orchestrated live deployment on **Firebase**, enhancing visibility and showcasing projects, skills, and experiences effectively for improved engagement.

Achievements and Experiences

- Achieved a 4 star fraternity ranking by the Office of Fraternity and Sorority Affairs (highest possible ranking).
- Managed executive board of 5 members and ran weekly meetings to oversee progress in essential parts of the chapter.
- Led chapter of 30+ members to work towards goals that improve and promote community service, academics, and unity.