



Mohd Arman

AI / ML Developer

PROFILE

AI/ML Engineer proficient in developing advanced models and implementing AWS solutions. Skilled in regression, classification, clustering, ANN, CNN, RNN, LSTM, GANs, Reinforcement Learning, and LLM for NLP tasks. Familiar with Langchain, LLama-Index, and RAG.

RECENT WORK EXPERIENCE

SHOPIFY CHATBOT (4 months)

- Developed an interactive chatbot for Shopify Store using LLM, Flask, LangChain, and Google Generative AI.
- Created a responsive chat interface with HTML, Bootstrap, and custom CSS.
- Integrated Google Generative AI for natural language processing and FAISS for efficient product recommendations.
- Implemented session management for personalized interactions and contextually aware responses.
- Enabled real-time message handling and dynamic display of product info with images and URLs.

Technologies: LLM, Python, Flask, LangChain, Google Generative AI, FAISS, jQuery, Bootstrap, React, JavaScript

Fashion Recommender System (Self Project)

- Built a web app for personalized fashion recommendations using LLM, Pyt Flask and Google Generative AI.
- Enabled natural language input for user preferences and gender selection.
- Displayed outfit suggestions for various occasions and categories (tops, bottoms, footwear, accessories, jewelry).
- Utilized BeautifulSoup for web scraping and Scikit-learn for machine learning.
- Deployed the application on AWS for scalability and reliability.

Technologies: HTML, CSS, JavaScript, Python, Flask, Google Generative AI, LLM, BeautifulSoup, Scikit-learn, AWS, Git, GitHub

Telecom Customer Retention Prediction (Self Project)

- Conducted research on predicting telecom customer churn using machine learning algorithms (K-Nearest Neighbor, Naive Bayes, Random Forest, SVM, Logistic Regression).
- Performed problem understanding, exploratory data analysis, and data visualization to gain insights.
- Trained and evaluated multiple classifiers using AUC scores and ROC curves.
- Achieved a precision and accuracy of ~96% with the Random Forest Classifier for predicting customer churn.
- Demonstrated the practical application of machine learning in addressing real-world business challenges in the telecom industry.

Technologies: Python, Scikit-learn, Data Visualization, Machine Learning

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Education

2024

Bachelors of technology CSE AIML

Sharda University, Greater Noida

2020

Intermediate

Aaryan International School, New Delhi

SKILLS

- Development Tools:** Docker, Flask, Streamlit, Git
- Programming Languages:** Python, SQL, Javascript
- AWS Services:** EC2, S3, Lambda, SageMaker, DynamoDB, IAM
- AI/ML:** ML models, Computer Vision, NLP, Generative AI
- MongoDB**
- Langchain, Llama Index, OpenAI, Google Generative AI**

Language

English (Fluent)

Hindi (Fluent)