Gaurav Jha

Software Engineer

Software Engineer with hands-on experience in Python, Flutter, and JavaScript. Skilled in data-driven technologies, machine learning, and AI, with a strong focus on building innovative solutions through data analysis, predictive modeling, and intelligent systems. Passionate about leveraging AI to solve complex problems and drive impactful decisions.

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WORK EXPERIENCE

Software Engineer
Marketwick Pvt Ltd

11/2024 - Present   *Noida, India*

Achievements/Tasks

- Developed a high-performance backend for a multi-asset trading platform, supporting real-time market data, order execution, account management, and trade history. Emphasized scalability, performance, and secure financial transactions.

Software Engineer
Appfoster Innovations Pvt Ltd

08/2022 - 10/2024   *Noida, India*

Achievements/Tasks

- Developed a Health app enabling appointment booking, calendar sync, and exercise browsing with favorites. Focused on intuitive UI and BLoC state management in a collaborative, cross-functional team.
- Developed an HR app with attendance, leave, asset, and employee management, plus multi-theme/language support and event tracking.
- Build a WhatsApp chat analyzer app to extract insights and display them with visual charts.

Software Engineer
Trinesis Technologies Pvt. Ltd.

02/2022 - 07/2022   *Pune, India*

Achievements/Tasks

- Developed API's for **USER MANAGEMENT SYSTEM** with Python, Django and Django Rest Framework technologies.

EDUCATION

AI with Python
Ducat Institute

https://drive.google.com/file/d/1cDb_ogF1gWEjyq7qBBYDM54cg7_PsCyl/view?usp=drive_link

Bachelor of Computer Applications
RIMT University

08/2018 - 06/2021   *9.5 SGPA*

SKILLS

Python Numpy Pandas Matplotlib
Machine Learning Scikit-learn NLP
Computer Vision Deep Learning GenAI
TensorFlow Keras LangChain LangGraph
RAG FastAPI Django SQL AWS
Flutter JavaScript

PERSONAL PROJECTS

Ask PDF

- Developed an **AI-driven Q&A Chat** application using Retrieval-Augmented Generation **(RAG)** to enable users to interact with uploaded PDF documents through a chat interface.
- Implemented backend using **FastAPI** and **LangChain** , integrating **Google Gemini LLM** for generating context-aware responses.
- Engineered a pipeline for PDF ingestion, text chunking, embedding, and vector-based retrieval using **FAISS** .
- Designed a lightweight **vanilla JavaScript** frontend with a dynamic, chat-style UI for seamless user interaction.
- **Github repo link:** https://github.com/gauravjha9/ask-pdf

Movie Recommendation System

- Built a content-based movie recommender using the TMDB dataset (5,000 movies) with data cleaning, EDA, and NLP (TF-IDF) on overviews, genres, and keywords.
- Implemented cosine similarity to suggest top 5 similar movies and deployed a Flask web app with a Bootstrap UI.
- **App link:** https://movie-recommend-06d6.onrender.com/
- **Github repo link:** https://github.com/gauravjha9/movie-recommendation-system

Twitter Sentiment Analysis

- Built a sentiment analysis model using a dataset of 16 million tweets to classify sentiments as positive or negative.
- Performed data preprocessing , tokenization, and applied NLP techniques with Logistic Regression model for high accuracy.
- **Github repo link:** https://github.com/gauravjha9/twitter-sentiment-analysis

10 Days of EDA (Exploratory Data Analysis)

- Have Done EDA on different-different Dataset.
- https://github.com/gauravjha9/EDA

INTERESTS

Play Chess   Play Guitar