IFHAM ANSARI

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PROFILE SUMMARY

Recent graduate in Artificial Intelligence with practical experience in machine learning, AI and chatbot development, and natural language processing, along with web development skills. Proficient in Python, Flask, Dialogflow, MongoDB, and OpenAI APIs, with projects including Doctor AI, legal document summarization, Saylani chatbot, SEOjetzt Website, and BERT-based sentiment analysis. Skilled in deploying end-to-end AI solutions and integrating ML models into real-world applications.

EDUCATION AND CERTIFICATIONS

Bachelor's in Artificial Intelligence Dawood University of Engineering and Technology		2021 - 2025
HSC in Engineering Fazaia Degree College, Faisal, Karachi		2019 - 2021
Generative AI and Chatbot Saylani Mass IT Trainining, Karachi		2023
MERN Stack - Mongo, Express and Node Hazza Institute of Technology, Karachi		2024

SKILLS

Core Competencies	Machine Learning and AI, Chatbot Development, Web Development
Programming and Tools	Python, JavaScript, Flask, Sk-learn, Pandas, NumPy, Matplotlib, Dialogflow, OpenAI
Databases	MongoDB, MySQL, SQLite,
Platforms	Google Colab, Jupyter Notebook, Vercel, Github, Hugging Face, Kaggle
Soft Skills	Team Collaboration, Problem Solving, Client Communication, Project Management

PROJECTS

Doctor AI Chatbot and Web App Developed an AI-based medical chatbot using Flask and GPT-3.5 Turbo, integrated with a Next.js frontend and ShadCN UI. It analyzes user symptoms, predicts disease, and recommends top 3 nearby doctors using a CSV database, Haversine formula, and specialization detection.

Saylani and Daraz Assistant Chatbots Created intelligent customer support chatbots using Dialogflow for Saylani and Daraz platforms. These bots were trained on custom intents and entities to handle dynamic queries and automate responses. Both bots were deployed on both the website and Telegram.

IMDB Movie Review Sentiment Analyzer Built a sentiment analysis system using traditional ML models and a fine-tuned BERT classifier to classify reviews as positive or negative. Also applied BERTopic to extract key themes from the review dataset for deeper insight.

T20 Cricket Score Prediction using Gradient Boosting Implemented a Gradient Boosting Regressor to predict T20 match scores based on real match data, including overs, wickets, and player performance. Achieved high accuracy with tuned hyperparameters.

Legal Document Summarizer Built a summarizer for Pakistani legal documents using the T5-small transformer model. Summarized complex law texts into short, readable formats optimized for CPU deployment.

EXPERIENCE

Freelance and Academic Project Experience Completed several AI and web-based projects independently and as part of academic coursework, including real-world chatbot deployments and AI model integrations.