# MUHAMMAD HAROON SAJID

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#### **SUMMARY**

Results-driven Artificial Intelligence graduate with a strong foundation in Python, machine learning, data preprocessing, and model evaluation. Experienced in building AI-powered solutions using LangChain, FastAPI, RAG systems, and large language model (LLM) applications. During a 1-year self-learning phase, I upskilled in generative AI and agentic AI through hands-on projects and industry-grade courses. Now seeking an internship to apply this experience in real-world AI development.

## **TECHNICAL SKILLS**

- Languages: Python, C++, HTML
- Frameworks & Tools: FastAPI, Streamlit, Docker, Git/GitHub, Jupyter, VS Code
- AI/ML: Scikit-learn, LangChain, Prompt Engineering, LLMs (OpenAI, Gemini, Groq), RAG pipelines
- Data Analysis: Pandas, NumPy, Matplotlib, Seaborn, Data Preprocessing, Feature Engineering

# **PROJECTS**

#### Advanced JARVIS AI Assistant

Developed a voice assistant using Python and speech recognition. Integrated Hugging Face APIs for translation and text-to-speech features. Enabled voice-based control of 20+ Windows desktop actions such as opening apps, performing searches, and handling routine tasks.

GitHub: github.com/haroon-sajid/JARVIS-AI-FYP

# Al Resume Screener (LangChain + RAG)

Built an LLM-based resume screener using LangChain, OpenAI, and semantic search with vector embeddings. Implemented LangGraph workflows to connect LLMs with prompt chains, conversational memory, and vector-based retrieval.

<u>GitHub:</u> github.com/haroon-sajid/Resume-Screening-App

## **Medical RAG Chatbot**

Developed a chatbot using LangChain and RAG pipelines to answer health-related queries. Integrated OpenAl and Groq LLMs with custom retrievers. Deployed on Hugging Face Spaces for public testing.

<u>GitHub</u>: github.com/haroon-sajid/Medical-Chatbot

#### **EDUCATION**

## **Bachelor of Science in Artificial Intelligence**

2020 - 2024

The Islamia University of Bahawalpur

- CGPA: 3.14 / 4.0
- Final Year Project: JARVIS AI Assistant

## Intermediate (FSc Pre-Engineering)

2018 - 2020

Punjab Group of Colleges, Bahawalpur

Marks: 815 / 1100

#### **CERTIFICATIONS & COURSES**

- Certifications: Python for Data Science (Coursera), Machine Learning Foundations (Coursera)
- Courses: Generative AI with LangChain, Agentic AI with LangGraph, Building APIs with FastAPI (CampusX)
- Soft Skills: Problem Solving, Communication, Team Collaboration, Adaptability, Time Management