

MUHAMMAD HAROON SAJID

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SUMMARY

Results-oriented Artificial Intelligence graduate with hands-on experience in Python, machine learning model development, and automation workflows. Skilled in designing, training, testing, and deploying AI models, with strong interest in AI pipelines and LangChain. Strengthened problem-solving, analytical thinking, and adaptability through academic projects and self-learning. Eager to contribute to AI development, automation, and deployment in a fast-paced, learning-focused environment.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, HTML, SQL
- **Frameworks & Tools:** FastAPI, Streamlit, Docker, Git/GitHub, Jupyter, VS Code, n8n
- **AI/ML:** Scikit-learn, Tensorflow, LangChain, Prompt Engineering, Vector Databases, RAG pipelines
- **Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn, Data Preprocessing, Feature Engineering
- **Designing:** Social media creatives, posters, and other visual content using Canva

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

AI Resume Screener

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.

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

Laptop Price Predictor

Built and compared multiple regression models to predict laptop prices, including Linear Regression, Decision Tree, Random Forest, and more. Random Forest Regressor delivered the best results, achieving an R^2 score of 0.86 and a Mean Absolute Error (MAE) of 0.16, making it the most accurate and reliable model tested.

GitHub: <https://github.com/haroon-sajid/Laptop-Price-Predictor>

EDUCATION

Bachelor of Science in Artificial Intelligence

2020 - 2024

The Islamia University of Bahawalpur

- **Final Year Project:** JARVIS AI Assistant

COURSES & EXPERIENCE

Internship – Python Developer

July-August 2024

Enigmatix | 2 Months

- Applied core Python skills in real-world development tasks
- Built and worked with Object-Oriented Programming (OOP) structures
- Developed and tested RESTful APIs using industry best practices

Technical Courses:

- Generative AI with LangChain, Agentic AI with LangGraph, Building APIs with FastAPI – CampusX