

Jawad Hameed Baloch

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Portfolio: jawadhameedbaloch-portfolio.vercel.app

EDUCATION

Sukkur IBA University

Bachelor of Science in Software Engineering

Pakistan

Present

SKILLS SUMMARY

Languages: Python, JavaScript, Java, SQL, HTML/CSS

Frameworks & Libraries: LangChain, Hugging Face, Transformers, Flask, Streamlit, OpenAI API

AI/ML Core: Generative AI, LLMs, RAG, Embeddings, Prompt Engineering, Neural Architecture

Tools & Platforms: Git, GitHub, VS Code, Postman, Google Colab, Firebase

Soft Skills: Problem Solving, Strategic Planning, Documentation, Communication

WORK EXPERIENCE

Generative AI Developer

June 2023 – Present

Freelance (Remote)

- Architected and deployed enterprise-grade AI assistants using Python and LangChain, serving over 500+ active users.
- Automated complex full-stack AI integrations via Flask and Streamlit, resulting in a 45% reduction in processing latency.
- Engineered scalable AI/ML workflows using Hugging Face and Transformers, increasing model accuracy for custom data.
- Implemented RAG (Retrieval-Augmented Generation) pipelines to optimize information extraction from unstructured datasets.

AI Intern

July 2025 – Sept 2025

DEN

Pakistan

- Assisted in the development and fine-tuning of Large Language Models (LLMs) to enhance natural language understanding.
- Collaborated with the engineering team to integrate AI-driven features into core products, improving user engagement.
- Optimized data preprocessing pipelines for training datasets, ensuring high-quality inputs for model accuracy.

PROJECTS

HireSight - Be Seen Be Hired | Live at hiresight.xyz

- Developed a comprehensive career platform featuring an AI Resume Match Analyzer, ATS Optimizer, and Resume Builder.
- Project is fully live and deployed, utilizing OpenAI APIs and LangChain to provide real-time match accuracy scores.
- Built a custom parser to extract and analyze resume data against specific job descriptions to improve hiring outcomes.

Hey J - Personal AI Assistant | Python, Transformers

- Engineered a voice-activated assistant designed to automate system-level tasks and efficient file retrieval.
- Integrated advanced NLP models to interpret natural language commands for PC automation, increasing productivity.

Personal VPN Extension | JavaScript, Flask

- Developed a secure browser extension to facilitate private, encrypted browsing for users.
- Implemented AI-driven connection handling to optimize server routing and ensure high-speed data transmission.

CERTIFICATES

- Fine-Tuning Large Language Models | DeepLearning.AI
- Evaluating AI Agents | DeepLearning.AI
- Building Generative AI Applications with Gradio | Hugging Face
- Agentic Fundamentals | Google Cloud Skills Boost
- Generative AI with LLMs | DeepLearning.AI
- Attention Mechanism | Google Cloud Skills Boost