Jawad Hameed Baloch

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PROFESSIONAL SUMMARY

Generative AI Engineer and Founder with expertise in Python, Large Language Models (LLMs), and RAG architectures. Proven track record of building and deploying full-stack AI-integrated platforms that automate complex workflows and drive measurable user engagement. Specialized in developing custom AI agents, assistants, and production-ready SaaS tools using LangChain, OpenAI APIs, and Hugging Face.

TECHNICAL SKILLS

- **AI/ML & Frameworks:** Generative AI, LLMs, LangChain, OpenAI API, Hugging Face, Transformers, RAG, Embeddings, Prompt Engineering.
- **Programming:** Python, JavaScript, Java, Flask, Streamlit, SQL, HTML/CSS.
- **Tools & Databases:** Firebase, Git, GitHub, VS Code, Postman, Google Colab.
- **Specializations:** AI Agent Development, ATS Optimization, Neural Architecture, Full-stack AI Integration.

PROFESSIONAL EXPERIENCE

Generative AI Developer | Freelance (Remote) *June 2023 – Present*

- 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 retrieval.
- Implemented RAG (Retrieval-Augmented Generation) pipelines to optimize information extraction from unstructured datasets.

TECHNICAL PROJECTS

HireSight – Be Seen Be Hired

- Developed a comprehensive career platform featuring an **AI Resume Match Analyzer**, **ATS Optimizer**, and **Professional Resume Builder**.
- Utilized OpenAI APIs and LangChain to provide real-time match accuracy scores and keyword suggestions for job seekers.
- Built a custom parser to extract and analyze resume data against specific job descriptions to improve hiring outcomes.

Hey J – Personal AI Assistant

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

Personal VPN Extension

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

EDUCATION

Bachelor of Science in Software Engineering *Sukkur IBA University, Pakistan*

CERTIFICATIONS

- **Generative AI with LLMs** – DeepLearning.AI
- **Fine-tune LLMs with Hugging Face** – Google Cloud
- **Prompt Engineering for ChatGPT** – Vanderbilt University
- **AI For Everyone** – DeepLearning.AI
- **Build Chatbots with Python** – FreeCodeCamp