Wahid Ali
Full Stack Python Developer | Data Scientist | AI Enthusiast
LinkedIn | mr.wahidali7c@gmail.com | 6239284784

Summary

Versatile and dedicated developer with 24+ months of professional experience in Python-based full-stack development and data science. Specialized in building and deploying innovative solutions using LLMs, GenAI tools, and modern frameworks like Django and FastAPI. Proven ability to learn and adapt quickly, demonstrated by mastering tools like RAG, OpenAI APIs, Mistral models, and more. Recognized for exceptional problem-solving skills, attention to detail, and delivering optimized, scalable solutions.

Education

Bachelor of Computer Applications in Artificial Intelligence (BCA-AI)
CTU University, Punjab, India (Sep 2020 - Sep 2023)
- CGPA: 8/10 | Percentage: 90%

Vocational Engineering & Technology (Computer Techniques)
Punjab Agricultural University, Punjab, India (2018)
- Percentage: 82%

Certifications:
- N+, A+, CCNA, MCSE, Linux - CCIT Institute (2019)
- C, C++ - JCC (2018)
- Python, R – CCIT Institute (2019)
- Certified Ethical Hacking (v9) - Jetking Amritsar (Grade B, 2019)
- IELTS - Score: 6 Bands

Professional Experience

Tekki Web Solutions, Ludhiana, India
Full Stack Python Developer (Apr 2024 – Jan 2025)
- Spearheaded development for Padelmate, a European client, leveraging FastAPI and MongoDB.
- Designed and deployed LLM-based GenAI products using AGENTS & TOOLS WITH RAG, ChromaDB, FAISS, Pinecone, and OpenAI APIs, including Mistral models.
- Delivered key projects, including:
- A bidding platform integrated with GenAI capabilities.
- An Upwork autobilling script automated using Python and Linux.
- Multiple in-house GenAI tools combining FastAPI and Django.
- Conducted 11+ system designs for scalable client projects involving Django, GenAI, and

full-stack solutions.
- Awarded Employee of the Month, received performance bonuses, and earned a 5-star Upwork rating.
- Awarded 6-month continuous bonus for outstanding performance.

WeboAppDiscovery, Panchkula, India
Data Science Developer (Sep 2023 – Mar 2024)
- Contributed to backend projects using Django REST Framework and minor Zoho product development with Deluge script.
- Explored OpenCV for image processing in a minor project.

AIT Internship, Punjab, India
Data Science Trainer & Intern (Mar 2023 – Jul 2023)
- Trained a batch of 10 students in practical data science concepts, including ML algorithms, EDA, and data preprocessing.
- Guided students through hands-on projects like heart disease prediction, diabetes prediction, and Titanic survival analysis.
- Worked on ML algorithms such as Linear Regression, Decision Trees, Random Forests, SVM, and ANNs.

Freelance Projects

Mobilerz (Europe-based Product) *(Freelancer, 1.5 months)*
- Worked on a project aimed at centralizing the traditional "check-in" marketplace to enhance management and scalability.
- Used **Airflow** for setting up efficient ETL processes.
- Applied Python design patterns to ensure scalability and performance.
- Delivered a highly scalable solution that streamlined processes for the marketplace.

Gig-Bridge (Europe-based Product) *(Freelancer, 2+ months ongoing)*
- Contributed to the development of a platform that helps event organizers and performers (like dancers, singers, etc.) to book events and manage multi-profile skills.
- Similar to Upwork, but focused on the event and party industry.
- Tech stack: **Next.js**, **Flask**, **Firebase**, and **OpenSearch**.
- Currently working on optimizing the backend and improving features for better scalability.

Supabase (Europe-based Product) *(Freelancer, 2 months)*
- Developed a **backend system** in **Supabase** for a chatbot, handling **400 million PDFs** and creating embeddings for efficient search.
- Implemented **OCR splitting**, **embedding**, and **HSNW indexing** to scale the solution for fast responses.
- Optimized the system to provide search results in **200-300 milliseconds**.
- Integrated the backend with the frontend, which was developed using **WeWeb**, ensuring smooth user interaction and responsiveness.

Projects

Shivay International (E-Commerce Platform)
- Designed and deployed an e-commerce platform using Django, integrated with HDFC Bank and PayU payment gateways.
- Managed deployment using Apache2, WSGI, and SSL certification.
- Ongoing improvements to enhance the frontend for a better user experience.

GenAI Tools and Products
- Built tools leveraging OpenAI APIs, Mistral models, and LLMs for RAG workflows.
- Created a bidding platform and an autobilling automation script for operational efficiency.

European Client Project (Jan 2025 - Present)
- Successfully delivered the first sprint of a FastAPI and Airflow-based backend system.
- Solved major scalability challenges using Python design patterns and best-practice approaches.
- Developed Airflow workflows for automation and optimized FastAPI backend for performance.
- Currently working on the next sprint to enhance system efficiency and scalability.

Technical Skills

- **Languages:** Python, R, C, C++

- **Frontend:** HTML, CSS, JavaScript, Streamlit, Django templating, Bootstarp, Tailwind. React.js, Next.js
- **Backend Frameworks:** Django, FastAPI, Django REST Framework, Flask
- **AI & Data Science:** GenAI, OpenAI APIs, Mistral Models, RAG, ML, EDA, Deep Learning

- **Databases:** PostgreSQL, PgVector, MongoDB, ChromaDB, Pinecone, FAISS

- **System Design:** Low-Level Design, High-Level Design, Design Patterns

- **DevOps:** Docker, Apache, WSGI, Apache Airflow, Git
- **Operating Systems:** Ubuntu, Kali Linux, Manjaro, Garuda, Deepin, Windows

Achievements
- Successfully developed and delivered innovative AI-powered solutions for international clients.

- Earned Employee of the Month and received performance bonuses for exceptional work.

- Continuous bonus for the last six months for outstanding performance.

- Recognized with 5-star Upwork client reviews for technical excellence and communication skills.

Future Goals
- Learn and master React, Firebase, Kafka, Redis, GraphDB, and Figma.

- Explore AWS, Google Cloud, NGINX, Kubernetes, Qdrant, MLFlow, Kedro.

- Continue refining DSA skills and building scalable, efficient solutions.

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This now includes your work on **Supabase** and the specific tasks you worked on related to embedding PDFs, OCR splitting, HSNW indexing, and scaling for fast response times. If you need further adjustments, feel free to let me know!

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