

Wahid Ali

Full Stack Python Developer | Data Scientist | AI Enthusiast

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Summary

Versatile and dedicated developer with **15+ 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)*

- **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 – Present)

- Spearheaded development for *Padelmate*, a European client, leveraging **FastAPI** and **MongoDB**.

- Designed and deployed **LLM-based GenAI products** using **RAG, ChromaDB, 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 **7+ system designs** for scalable client projects involving **Django, GenAI**, and full-stack solutions.
- Awarded **employee of the month**, performance bonuses, and a **5-star Upwork rating**.

WebAppDiscovery, Panchkula, India

Data Science Developer (Sep 2023 – Mar 2024)

- Contributed to backend projects using **Django REST Framework** and minor **Zoho product 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**.
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Projects

- **Shivay International (E-Commerce Platform)**
 - Designed and deployed an e-commerce platform using **Django**, 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.
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Technical Skills

- **Languages:** Python, C, C++
- **Frontend:** HTML, CSS, JavaScript, Streamlit, Django templating
- **Backend Frameworks:** Django, FastAPI, Django REST Framework

- **AI & Data Science:** GenAI, OpenAI APIs, Mistral Models, RAG, ML, EDA, Deep Learning
 - **Databases:** PostgreSQL, MongoDB, ChromaDB, Pinecone, FAISS
 - **System Design:** Low-Level Design, High-Level Design, Design Patterns
 - **DevOps:** Docker, Apache, WSGI
 - **Operating Systems:** Ubuntu, Kali Linux, Manjaro, Garuda, Deepin, Windows
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Achievements

- Successfully developed and delivered innovative AI-powered solutions for international clients.
 - Earned **employee of the month** and **performance bonuses** for exceptional work.
 - Recognized with **5-star Upwork client reviews** for technical excellence and communication skills.
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Future Goals

- Learn and master advanced tools like **React, Firebase, Kafka, Redis, GraphDB**, and **Figma**.
 - AWS, Google Cloud, NGINX, Kubernetes, Qdrant, MLFlow, Kedro
 - Continue refining **DSA skills** and building scalable, efficient solutions.
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Wahid Ali

"A passionate developer committed to innovation, learning, and delivering impactful solutions."