

Zeeshan Afzal

Python developer | Django | Fast API | GenAI
Next.js | React.js

zeeshanaffzal@gmail.com

+923064347137

Lahore, Pakistan

[linkedin.com/in/zeeshanaffzal](https://www.linkedin.com/in/zeeshanaffzal)

Profile Summary

- Proven expertise in design and architecture of scalable software solutions, web security and efficient systems.
- Proficient in backend technologies such as **Django**, **Django Rest Framework**, **Fast API**, **GenAI** and **Python**, delivering high-performance APIs and backend services. Extensive experience with SQL databases (MySQL, Postgres), specializing in query optimization.
- Experienced in frontend development, utilizing **React.js**, **Next.js**, **JavaScript**, **HTML**, **CSS**, and **Bootstrap** to create responsive and dynamic user interfaces and cross-functional team collaboration to drive efficient software development.

Experience

Inovaqo | Lahore, Pakistan – Software Engineer

February 2025 – Present

- Developed and maintained scalable backend systems using **Fast API**, **Flask**, and **Django**.
- Built modern, responsive frontend applications with **React** and **Next.js**, ensuring optimal user experience.
- Engineered **Generative AI** solutions using **LLMs** integrated with tools like **Lang Chain**, **Lang Graph**, **Llama Index**, and **n8n**.
- Ensured clean, maintainable code and followed best practices across both frontend and backend development.

ZORY AI | Riyadh, Saudi-Arabia – Generative AI Engineer | Remote

Feb 2026 – Present

- Built an **AI-powered** analytics platform integrating Google Analytics, Search Console, Post Hog, Clarity, Sentry, Uptime Robot, and Page Speed Insights using **Next.js**, **Fast API**, **Lang Chain** and **LangGraph**.
- Developed **AI agents** for real-time website monitoring and analytics
- Generated **AI-driven** insights to improve SEO, Core Web Vitals, and user experience.
- Built scalable data pipelines for centralized analytics.
- Leveraged **AI** and **LLMs** to deliver actionable optimization recommendations.

Mount Sol | Lahore, Pakistan - Python developer

Jan 2024 – Feb 2025

- Contributed to the development of projects by collaborating with senior developers to meet business requirements and ensure scalability for future needs.
- Modernize backend systems with scalable architectures using **Django Rest Framework**, **PostgreSQL**, **Docker**, as per industry standards.
- Collaborated with senior developers to manage the development lifecycle, from initial coding to final delivery.
- Ensure stability and enhancements of legacy systems while supporting day-to-day operational needs.

Systems limited | Lahore, Pakistan - Python developer & React Js (Internship)

Sep 2023 – Jan 2024

- Collaborated with cross-functional teams including product management, UX/UI designers, and business analysts to define product vision and roadmap, ensuring technology alignment with business goals.
- Designed and delivered web applications using **DRF**, **PostgreSQL**, **React Js** collaborating with team members to meet project requirements.

Major Projects

Turing Agent PROJECT | Next.js, Tailwind CSS, Fast Api, Supa-Base, FalkorDB

- Developed a Turing Agent Platform with real-time video/audio calling, messaging, organization-based channels, and agent mode. Built and integrated APIs using Next.js, Fast API, Supa base, PostgreSQL, and implemented a knowledge graph with FalkorDB.

Zory AI Intelligence | Next.js, Fast Api, Lang Chain, LangGraph

- Built an AI-powered website analytics platform using Next.js, Fast API, Lang Chain, and LangGraph, integrating Google Analytics, Search Console, Post Hog, Clarity, Sentry, Uptime Robot, and Page Speed Insights. Developed AI agents for real-time monitoring and delivered LLM-powered insights to improve SEO, Core Web Vitals, and website performance.

Review-Munch Restaurant | *Next.js, Fast Api, Postgres, Pinecone*

- Developed a Restaurant AI Agent, enabling users to ask questions about the restaurant, explore similar restaurants in the area, and receive comparative insights. Integrated SERP API to fetch and analyze customer reviews, and implemented a secure payment module using Stripe. Built and integrated backend APIs with the front-end to support seamless user interactions.

E-Commerce web Application | *Django, Django Rest framework and React JS*

- Developed an E-commerce web app where I played the main role in designing and implementing APIs using Django Rest Framework. Working primarily on the project's backend, I focused on creating efficient APIs of Sale Order, Product creation and more to facilitate seamless communication between the app's front-end and back-end components. Main functionality I Performed are following: 1. JWT Authentication / Social auth 2. Payment Integration using stripe 3. Admin Panel 4. User Panel 5. Vendor Panel 6. Emails by using SMTP

Technical Skills

Backend: Django, Flask, Python, Fast API,

Generative AI: Lang Chain, LangGraph, Lang smith, Crew AI, Open Claw, Lama Index, N8N, Vapi, Eleven Labs, OpenAI, Claude, Gemini

Frontend: JavaScript, CSS, HTML, Bootstrap, Next JS, React

SQL: MySQL, Postgres, SQLite, Mongo, FalkorDB, Pinecone, FAISS, Chroma

DevOps: Docker, Git, AWS EC2, S3, Vercel, Python-Anywhere, Contabo

Certifications (Udemy)

1. **Django the Complete Course | Credential ID** UC-d54fbf4f-7c90-452c-9470-8f357653f587 **Nov 2024**
2. **Generative AI with Lang chain and Hugging face | Credential ID** UC-27652cb6-7505-45f4-a68f-2beabf2dd836 **Jan 2025**

Education

Khwaja Fareed University of Engineering & Information Technology

Oct 2019 – June 2023

Bs Computer Science

RYK, Pakistan