

Zeeshan Afzal

Python developer | Django | AI/ML

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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**, **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**, **JavaScript**, **HTML**, **CSS**, and **Bootstrap** to create responsive and dynamic user interfaces and cross-functional team collaboration to drive efficient software development.

Experience

Inovaqo I 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.

Mount Sol I 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 I 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

REAL STATE PROJECT | My SQL, HTML, CSS, JavaScript, Bootstrap, Django/Django-rest-framework, React Js

- Developed a Real State Project, in this project, I designed a website for selling Properties. I Worked on backend APIs Like User Authentication, Property Listings, Latest News, About Us, and Contact Us. I also Integrate APIs with React JS front-end.

AI Cowin Application | Django, Django Rest framework, AI

- Developed a 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 to facilitate seamless communication between the app's front end and back-end components. Main functionality I Performed are following:
 1. Authentication / Social auth
 2. AI integration
 3. Chatbot implementation

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, GenAI

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

SQL: MySQL, Postgres, SQLite

DevOps: Docker, Git

Education

Khawaja Fareed University of Engineering & Information Technology

Oct 2019 – June 2023

Bs Computer Science

RYK, Pakistan