

# 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

<b>Inovaqo I Lahore, Pakistan – Software Engineer</b>	<b>February 2025 – Present</b>
<ul style="list-style-type: none"><li>• Developed and maintained scalable backend systems using <b>Fast API</b>, <b>Flask</b>, and <b>Django</b>.</li><li>• Built modern, responsive frontend applications with <b>React</b> and <b>Next.js</b>, ensuring optimal user experience.</li><li>• Engineered <b>Generative AI</b> solutions using <b>LLMs</b> integrated with tools like <b>Lang Chain</b>, <b>Lang Graph</b>, <b>Llama Index</b>, and <b>n8n</b>.</li><li>• Ensured clean, maintainable code and followed best practices across both frontend and backend development.</li></ul>	
<b>Mount Sol I Lahore, Pakistan - Python developer</b>	<b>Jan 2024 – Feb 2025</b>
<ul style="list-style-type: none"><li>• Contributed to the development of projects by collaborating with senior developers to meet business requirements and ensure scalability for future needs.</li><li>• Modernize backend systems with scalable architectures using <b>Django Rest Framework</b>, <b>PostgreSQL</b>, <b>Docker</b>, as per industry standards.</li><li>• Collaborated with senior developers to manage the development lifecycle, from initial coding to final delivery.</li><li>• Ensure stability and enhancements of legacy systems while supporting day-to-day operational needs.</li></ul>	
<b>Systems limited I Lahore, Pakistan - Python developer &amp; React Js (Internship)</b>	<b>Sep 2023 – Jan 2024</b>
<ul style="list-style-type: none"><li>• 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.</li><li>• Designed and delivered web applications using <b>DRF</b>, <b>PostgreSQL</b>, <b>React Js</b> collaborating with team members to meet project requirements.</li></ul>	

## Major Projects

**REAL STATE PROJECT** | MySQL, 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. Amin 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

**Khwaaja Fareed University of Engineering & Information Technology**

Bs Computer Science

**Oct 2019 – June 2023**

**RYK, Pakistan**