

Mufassir Shah

Django Backend Developer



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Portfolio: mufassirshah.pythonanywhere.com

GitHub: github.com/SyedMufassirShah

Profile Summary

Fresh Computer Science graduate from Kohat University of Science and Technology with a CGPA of 3.62, specializing in backend development using Django, Python, and MySQL. Experienced in developing scalable web applications that have practical uses in the real world. supplemented by real-world experience of working on startups at NEP-NIC KUST, where I developed production-grade websites and stable backend systems. Passionate about leveraging technology to solve real-world issues and currently looking for backend development openings in innovative, growth-oriented environments.

Education

Bachelor of Science in Computer Science (BSCS)

Sept 2021 - Aug 2025

Kohat University of Sciences and Technology, Kohat 26000, KPK, Pakistan

- **Pakistani CGPA:** 3.62 / 4.00
- **Final Year Project:** OncoXpert – AI-Powered Multi-Cancer Detection Platform - Developed the backend for an AI-powered cancer diagnosis and case management platform using **Django and DRF**, building modules for image storage, classification, and ML model integration. Implemented **SimpleJWT authentication, caching, pagination and throttling** to ensure security and scalability. Used optimized MySQL queries to reduce latency.

SKILLS

- **Languages:** Python, JavaScript, HTML, CSS
- **Frameworks & Tools:** Django, React, REST API, SimpleJWT, Postman/Insomnia
- **Databases:** MySQL, MySQL-Lite
- **Other Skills:** Communication, Cross-Team Collaboration, Problem Solving, Detail-oriented Analysis and Research
- **Spoken Languages:** English (C2), Urdu, Pashto

Work Experience

Web Developer (Internship)

March 2023 - Sept 2023

ScentedDreams | NEP-NIC's KUST Startup, Kohat

Designed and developed a custom eCommerce platform for ScentedDreams using Django and React, tailored to the founder's business requirements. Implemented dynamic product listings, secure payment integration, and a fully responsive UI to enable seamless online sales and support brand growth.

Web Developer (Internship)

Sept 2022 - Feb 2023

Hanzail NEP-NIC's KUST Startup, Kohat

Built a responsive React-based portfolio website to enhance the digital presence of Hanzai, a startup focused on teaching Chinese reading and writing to the Pakistani audience in Urdu. Designed a user-friendly interface specifically for language learners, improving accessibility and brand visibility

Management Intern (Internship)

Feb 2022 - Aug 2022

NEP-NIC's KUST Startup, Kohat

Supported NEP-NIC's KUST management as an intern by assisting with administrative tasks and coordinating activities across multiple enrolled startups. Contributed to organizing events, documentation, and communication between founders and NIC staff.

Certifications And Awards

- **Certifications:**

- Meta Backend Developer Specialization
- Django Web Framework
- Introduction to Databases for Backend Development
- Programming with Python

- **Awards:**

- Recipient of Prime Minister's Laptop Scheme 2023 for academic excellence, Government of Pakistan.