SYED MUFASSIR SHAH
JUNIOR DJANGO BACKEND DEVELOPER

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SUMMARY

Fresh Computer Science graduate from Kohat University of Science and Technology with CGPA of 3.62, specializing in backend development using Django,Python,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.

PROFESSIONAL EXPERIENCE

- **Web Developer - ScentedDreams | NEP-NIC KUST Startup, Kohat**   **March 2023 - Sept 2023**

  Developed a custom WordPress-based eCommerce store for ScentedDreams, aligned with the founder's business requirements. Implemented product listings, payment integration, and responsive design to support online sales and brand growth.

- **Web Developer, Hanzai | NEP-NIC KUST Startup, Kohat**   **Sept 2022 - Feb 2023**

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

- **Management Intern at NEP-NIC KUST, Kohat**   **Feb 2022 - Aug 2022**

  Supported NEP-NIC 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.

EDUCATION

Bachelor's of Computer Science   **Sep 2021 - Sep 2025**
Kohat University of Science and Technology, Kohat, KPK
- Enrolled in 8th Semester having a Stable CGPA of 3.62   **(Result Awaited)**

Intermediate | Pre Engineering - BISE Kohat   **2019 - 2021**
Oxford Science School and College, Pindi Road, Kohat
- **Total Marks:** 1100
- **Marks Obtained:** 994
- **Percentage:** 90.36%

Matriculation | Science Group - BISE Kohat   **2019**
Iqra Public School and College, Kohat
- **Total Marks:** 1100
- **Marks Obtained:** 913
- **Percentage:** 83.00%

EXPERTISE AND SKILLS

- **Programming/Technical Skills:**
  - Django, Python, JavaScript, MySQL, React, WordPress, GitHub
  - Authentication and Authorization via JWT, Pagination, Caching, Throttling
- **General/Soft Skills:**
  - Communication, Team Collaboration, Event Coordination, Graphic Design, Office/Startup Management, Basic Administrative Support

FINAL YEAR PROJECT

OncoXpert – AI-Powered Cancer Detection Platform

Designed and developed the backend using Django for an AI-powered web platform that automates cancer diagnosis. Built modules for image storage, cancer-type classification, and integration with multiple machine learning models to enable fast and accurate medical predictions.

- Developed high-performance APIs using Django REST Framework (DRF), ensuring scalability and security.
- Optimized database queries (MySQL) and reducing latency.
- Implemented JWT authentication (via SimpleJWT with Djoser) and role-based permissions for secure API access.
- Enhanced server efficiency with pagination, caching, and request throttling to handle high traffic loads.
- Conducted API testing using Postman/Insomnia, validating endpoints for reliability and performance.
- Streamlined backend logic to improve response times and reduce server resource consumption.

Role: Backend Developer   **Technologies Used:** Django, MySQL, Rest APIs

ADDITIONAL INFORMATION

- **Languages:** English, Urdu, Pashto, Hindko.
- **Certifications:** Django (LinkedIn & Coursera + Meta), Python 3 (Coursera + Meta), React (Coursera + Meta), Backend Web Development with Django(Coursera + Meta), Full Stack Developer (Coursera + Meta)
- **Awards/Activities:**
  - Recipient of Prime Minister's Laptop Scheme 2023 for academic excellence, Government of Pakistan.
  - Our project OncoXpert an AI-Powered Multi-Cancer Detection and Classification System was awarded Best Project Poster at the Tech-Talks & Posters Symposium 2025, organized by the Institute of Computing, Kohat University of Science and Technology, recognizing it as the best project of the competition.

REFERENCES

Academic References

- **Dr. M. Muneer Umer**
  Lecturer, Institute of Computing
  Kohat University of Science and Technology.
  Email: muneer.umar@kust.edu.pk
  Ph. No: +923459643395

- **Dr. Muhammad Altaf**
  Assistant Professor, Institute of Computing
  Kohat University of Science and Technology.
  Email: dr.altaf@kust.edu.pk
  Ph. No: +923334990599

Professional References

- **Anwar ul Haq**
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  National Expansion Plans of NIC's
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- **Zahid Iqbal**
  Manager Pakistan Startup fund-Ignite
  Email: zahidi.psf@ignite.org.pk
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PROFESSIONAL ACCOUNT

- **LinkedIn:** Mufassir Shah | https://www.linkedin.com/in/mufassir-shah-a39ab1250/
- **GitHub:** Syed Mufassir Shah | https://github.com/SyedMufassirShah