

# Mahnoor Khaliq

Backend Developer  
(Python/Django)



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## PROFILE

Backend developer with experience in Python and Django. Skilled in RESTful APIs, AWS Lambda, Elasticsearch, RabbitMQ, and Selenium. Eager to apply technical skills and contribute to impactful web development projects.

## SKILLS

Django | Python | AWS Lambda |  
Elasticsearch | Selenium | RabbitMQ |  
Jira | My Sql | C++ | Javascript |  
Object Oriented Programming

## EDUCATION

Bachelor of Science in Computer Science,  
FAST NUCES ↗

08/2019 – 06/2023 | Lahore, Pakistan

## INTERESTS

Ukulele

Cycling

Netflix

Painting

## LANGUAGES

English

Urdu

## PROFESSIONAL EXPERIENCE

Backend Developer (Python/Django),  
xiQ, Inc Lahore ↗

10/2023 – 09/2024 | Lahore, Pakistan

- Contributed to the development and maintenance of a high-performance product utilizing the Django framework and Python.
- Designed and implemented RESTful APIs, creating and optimizing business logic to ensure seamless system integration.
- AWS Lambda Functions: Experience in monitoring, and troubleshooting existing functions.
- Resolved urgent bugs and live issues promptly to minimize service disruption.
- Developed and fine-tuned search functionalities using Elasticsearch, including the creation and optimization of search queries.
- Automated web data extraction and parsing with Selenium, streamlining data handling processes and enhancing system integration.
- Integrated job scheduling and message queuing with RabbitMQ.
- Designed and optimized MySQL database schemas, and improved database interactions to support application needs.
- Collaborated with cross-functional teams to integrate various application modules, ensuring a cohesive and functional system architecture

Kwanso, Software Engineer ↗

08/2023 – 10/2023 | Lahore, Pakistan

- Completed training in JavaScript with a focus on backend development.
- Developed and implemented backend solutions using Node.js, applying core JavaScript principles.

Software Engineer Intern, Confiz Limited ↗

06/2022 – 08/2022 | Lahore, Pakistan

- Completed a boot camp on Java
- Worked on internal project at the organization

## PROJECTS

Determine personality traits through audio and video (python), Developed a system using Python with Flask to analyze audio and video data for determining personality traits

ECG Monitoring and Detecting System (Python), Implemented using Artificial Intelligence models to detect ECG

Software Automation Testing - ReactStoreFront, Learned automation testing tools and js packages such as cucumber, selenium, k6 and require

Minesweeper (C++), Game development using basic programming concepts and graphic libraries

Tetris, Utilized object-oriented programming (OOP) principles to design and develop this game in C++