Sheharyar Malik

Software Engineer

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📍 Bahria Town, Lahore.

About Me

Software engineer with a strong track record in building scalable backend systems and full-stack applications. Experienced in developing IP intelligence and cybersecurity platforms, and working with modern Cloud and DevOps workflows. Skilled in Java, Python, API design, and frontend technologies, with a focus on clean, high-performance solutions.

Professional Experience

Senior Software Engineer
IPGeolocation.io
March 2023 – Present

Built scalable IP intelligence and geolocation APIs capable of handling millions of requests daily with sub-50ms latency. Developed secure backend systems for proxy and VPN detection, as well as threat and abuse intelligence, using Java, Spring Boot, and Redis.
My responsibilities included managing PostgreSQL and Elasticsearch clusters optimized for real-time IP lookups and large-scale data ingestion. I also created internal tools for monitoring APIs, analyzing usage patterns, and visualizing abuse detection data. Additionally, I contributed to CI/CD pipelines and Dockerized deployments across distributed environments, ensuring high availability and rapid release cycles.

Software Engineer
JFreaks Software Solutions
June 2022 – February 2023

Delivered custom software solutions tailored to client needs, integrating backend APIs, optimized databases, and responsive frontend components using Spring Boot, JavaScript, and modern frameworks.

Internship
Confiz
April 2021 – May 2021

Completed a software engineering internship at Confiz, where I gained hands-on experience with real-world projects, learned development best practices, and collaborated closely with experienced engineers in an agile team environment.

Education

Bachelor of Science in Software Engineering
University of Engineering and Technology, Lahore
Graduated: Oct 2022

Acquired strong foundations in programming, data structures, algorithms, databases, and software development lifecycle. Gained practical experience through projects and teamwork in an academic setting.

Higher Secondary School Certificate (Pre-Engineering)
Punjab Group of Colleges, Fsd
Graduated: May 2018

Studied core subjects including Mathematics, Physics, and Chemistry, building a strong analytical and technical base for engineering and software disciplines.

Skills

- IP Intelligence & Cybersecurity
- Backend & API Development
- Database Design & Optimization
- Cloud & DevOps
- Frontend Integration
- System Design & Performance Optimisation

Certification

- Acknowledged by faculty for building a high-performance for AI based FYP.
- Conducted structured on-site classes on frontend and backend web development for junior engineers.
- Led a company-supported initiative to train school faculty in Python, programming fundamentals, and digital literacy.