



Muhammad Shaheer Majid

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ABOUT ME

I'm Muhammad Shaheer, a Backend Engineer with hands-on experience since 2024. I graduated in May 2024 from Iqra University, and have been actively involved in backend development throughout my career. My core expertise includes Java, Spring Boot, and relational databases like SQL and PostgreSQL. I specialize in building robust APIs, implementing secure authentication systems, and working with monolithic architecture. I'm also experienced in backend deployment and integrating systems through RESTful APIs. I've worked across the full Software Development Life Cycle (SDLC) and am well-versed in Agile methodologies. I enjoy tackling complex backend challenges, collaborating with cross-functional teams, and continuously enhancing my skill set. My goal is to design and develop efficient, scalable backend systems that integrate seamlessly with frontend applications. I'm always eager to learn new technologies and contribute to impactful, high-quality projects.

WORK EXPERIENCE

SnappRetail – Karachi, Pakistan

City: Karachi | Country: Pakistan

Software Engineer

[27/03/2024 – Current]

- Developed and maintained APIs for financial transactions, including pay orders and customer receipts, ensuring secure, efficient, and error-free data processing in high-traffic environments.
- Designed and implemented RESTful web services using Java Spring Boot, enabling seamless communication between backend systems and frontend applications.
- Conducted extensive backend testing using Postman, validating endpoints for performance, accuracy, and fault tolerance.
- Managed and optimized MySQL databases, fine-tuning complex queries, designing schemas, and ensuring data consistency across multiple modules and user roles.
- Handled backend deployments using WinSCP and coordinated release activities, adhering to secure deployment protocols and minimizing downtime.
- Followed the full Software Development Life Cycle (SDLC), from requirement analysis to production release, applying Agile methodologies for efficient sprint planning and task tracking.
- Collaborated closely with frontend developers and product managers to align backend logic with user experience goals and business rules.
- Assisted QA teams in validating functionality through functional, integration, and regression testing, ensuring deliverables met stakeholder expectations.
- Actively participated in daily stand-ups, sprint retrospectives, and code reviews to foster a collaborative and high-performing development environment.

 **Codesy Consulting** – karachi, Pakistan

City: karachi | Country: Pakistan

Software Engineer-Intern

[20/12/2023 – 20/03/2024]

- Supported the development and maintenance of server-side logic, APIs, and database operations for web and mobile applications.
- Assisted in designing and implementing efficient, scalable, and secure backend systems using modern programming languages and frameworks.
- Wrote clean, reusable code and integrated with third-party services to expand system capabilities.
- Collaborated with frontend developers to ensure smooth data exchange and end-to-end system functionality.
- Participated in debugging, performance optimization, and code reviews to maintain code quality and system reliability.
- Documented technical specifications, workflows, and design decisions for internal reference and team alignment.
- Contributed to the continuous improvement of backend development practices and tools

EDUCATION AND TRAINING

BSCS

Iqra University [07/07/2020 – 31/05/2024]

City: KARACHI | Country: Pakistan | Website: <http://www.iqra.edu.pk/> | Final grade: 3.15/4

Intermediate

Sindh Muslim Science College [01/10/2018 – 06/10/2020]

City: karachi | Country: Pakistan | Website: <https://pk.linkedin.com/school/sm-govt-science-college-khi/>

Matriculation

Education Trust Nasra Secondary School [10/04/2016 – 05/10/2018]

City: karachi | Country: Pakistan | Website: <https://nasraschool.edu.pk/> | Final grade: A Grade

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Cloud Computing / Spring boot / Python / Excel / Java / Jira / Postman / SQL / WorkBench / Canva / WinScp / VsCode / Github / Gitlab / Flask / SDLC / STLC

PROJECTS

AI-based Food Recommendation System Developed a smart recipe suggestion system that helps reduce food waste by identifying raw vegetables and fruits through image recognition. The system detects available ingredients and recommends suitable dishes, supporting users who have limited cooking knowledge.

- Detects raw ingredients from images using a custom-trained ML model
- identifies items like tomatoes, potatoes, etc., using TensorFlow/Keras

- Suggests possible recipes based on detected ingredients
- Helps users quickly decide what they can cook with available items
- **Technologies:** Python, TensorFlow/Keras, OpenCV, Custom Image Dataset, Recipe Mapping Logic

Link: https://github.com/Sharee1/Final_Year_Project_Submission

HONOURS AND AWARDS

[30/12/2015] Edvon Revolution In Pakistan

Certificate of Appreciation

[16/08/2014] Arts Council of Pakistan

Quiz Competition

HOBBIES AND INTERESTS

Hobbies & Technical Interests

- Enjoy activities that challenge my mind, like chess, puzzles, and strategic games.
- Passionate about AI and exploring new technologies.
- Developing programming skills through coding projects.

VOLUNTEERING

[06/04/2023 – 06/04/2023] Karachi

Plantation

[04/03/2020 – 05/03/2020] Karachi

Community Service

I had the privileged to distributed the face masks in the streets of Karachi in the mid of that time's ongoing pandemic COVID-19.
