MONEEB **SHAMMOUT**

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Summary

Results-driven backend engineer professional with a strong passion for developing robust and efficient solutions. Proven expertise in designing and implementing high-performance backend architectures. Adept at problem-solving and collaborating with teams to drive innovation and deliver exceptional results.

Professional Experience

Several Brands
Software Engineer - Backend

Amman, Jordan
March 2024 – Present

- **Enhanced System Scalability**: Contributed to the implementation of microservices architecture, improving system scalability.
- **Enhanced Selling Engine Performance through Concurrency**: Enabled concurrency within the selling engine, boosting processing capacity and achieving an **80%** increase in performance. This improvement directly contributed to increased sales and enhanced customer satisfaction.
- **Seamless Payment Integration**: Integrated Stripe as a payment solution and implemented wallet management features, enabling flexible transaction options and enhancing the overall customer payment experience.
- **AI Integration for Advanced Capabilities**: Integrated OpenAI with our systems, enhancing functionalities such as data analysis and customer support, leading to a **25%** improvement in overall system efficiency.
- **Optimized Developer Efficiency:** Developed and deployed internal tools to automate day-to-day developer tasks, reducing build and deployment times by **20%** and significantly enhancing productivity.

Ingot Brokers
Software Engineer - Backend

Amman, Jordan
Oct 2023 – March 2024

Nixpend
Software Engineer - Backend

Amman, Jordan
Jan 2023 – Oct 2023

Sociumtech
Junior Software Engineer – Full-Stack engineer

Amman, Jordan
Jun 2022 – Sep 2022

Education

Princess Sumaya University
Bachelor of Computer Science

Sept 2018 - Sept 2022

- Courses: OOP in C++, Compilers, Algorithms, Operating Systems, Data Structures, Web development.

Projects

WhatsApp Clone

- A scalable, high-performance messaging application inspired by WhatsApp, built to support real-time communication and reliable message delivery. Leveraging a microservices architecture with **Golang**, this project integrates **Echo** for web handling, **Redis queues** for asynchronous task processing, **Zookeeper** for service coordination, and **ScyllaDB** and **PostgreSQL** for data storage. **WebSocket's** enable real-time chat, while **GRPC** powers efficient, low-latency communication between microservices. **Nginx** is used for load balancing to ensure seamless performance, making this clone robust and optimized for high traffic.

Social Media App

- A Facebook clone built using Node.js for the backend, which interacts with a Neo4j graph database to store and query user data. Redis is used for caching and improving performance. The frontend is developed using Flutter and users can sign in using either social authentication or Firebase authentication.

Barber Booking App

- Saloni is a mobile application that allows its users to book a salon service appointment at any time any place. The application also contains many different features such as the ability for customers to purchase different products. In addition to that, it gives them the chance to redeem points for every service as well as a gift voucher to be used at their convenience.
- Technologies used: Flutter, Firebase, Node js, and GCP.

Skills

Technical skills

- **Languages**: JavaScript, Golang and python
- **Frameworks**: NodeJS, ExperssJS, Fastify, Echo(go), Django and FastAPI
- **Databases**: PostgreSQL, MYSQL, MongoDB, ScyllaDB and Neo4j Graph Database
- **Technologies**: Redis (Cache, Pub Sub, Queues), KAFKA, GraphQL and Stripe
- **Virtualization**: Docker and Docker Compose
- **Version Control**: Git, GitHub, GitLab and Bitbucket
- **PAAS**: Firebase and AWS
- **Operating Systems**: MacOS and Linux (Ubuntu)

Soft skills

- Problem solving
- Self-Learning
- Teamwork
- Prompt Engineering
- Communication: Arabic/English
- Googling

Professional Certificates

- **HackerRank-Problem Solving (Intermediate)**
- **Building Neo4j Applications with Node.js**
- **Cypher Query Fundamentals**
- **Graph Data Modeling Fundamentals**