

Mohammed Sardar Farooq *Software Engineer*

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PROFESSIONAL EXPERIENCE

Backend Developer, Gateway for ICT Solutions 07/2023 – present | Erbil, Iraq

- Designed, developed, and maintained scalable backend services, RESTful APIs, and microservices using Spring Boot to support reliable and high-performance applications.
- Created and optimized database schemas, queries, and indexes to improve data storage and retrieval efficiency.
- Developed and maintained comprehensive unit and integration tests with JUnit and Mockito, ensuring reliability and achieving 90% code coverage for Spring Boot applications, significantly reducing production bugs and enhancing system stability.
- Participated in code reviews to maintain high coding standards and share knowledge within the team.
- Contributed to Agile sprint activities, including planning, stand-ups, and retrospectives, to drive iterative development.
- Integrated third-party APIs and services, enabling new functionalities and smooth interaction with external systems.
- Collaborated with frontend developers, product owners, and other team members to design end-to-end solutions.
- Monitored, debugged, and resolved backend issues to improve system uptime and stability.
- Designed and implemented a feature to obtain and update missing user data for existing bank customers, efficiently processing updates for close to one million users and significantly enhancing data accuracy and compliance.

Software Engineer Intern, Shift Software 07/2022 – 08/2022 | Erbil, Iraq

- Gained hands-on exposure to ASP.NET Core, C#, and Entity Framework Core, contributing to understanding their application in real-world projects.
- Explored and gained foundational knowledge in Azure DevOps, familiarizing with CI/CD pipelines and modern development processes.
- Participated in team discussions, learning how various technologies are integrated into software development workflows.

CERTIFICATES

Microsoft Certified: Azure Developer Associate (AZ-204) • Microsoft Certified: Azure Fundamentals (AZ-900)

EDUCATION

Bachelor's degree in Software Engineering, 2019 – 2023 | Erbil, Iraq
University of Kurdistan Hawler

LANGUAGES

Kurdish	● ● ● ● ●	English	● ● ● ● ●
Arabic	● ● ● ● ●	Russian	● ● ● ● ●
German	● ● ● ● ●		

PROJECTS

First Iraqi Bank (FIB), *Java, Spring Boot, PostgreSQL, Vavr, Spring Framework, Gradle, Spring Data*

First Iraqi Bank is a digital banking app that allows users to open a fully licensed bank account in under 5 minutes, for free. With the FIB mobile application, users can easily make and receive payments online and in person, send money locally and internationally, and access a range of banking services, revolutionizing the banking experience with simplicity, security, and efficiency.

Job Portal System, *ASP.NET CORE MVC, .Net, Azure, C#, EF CORE*

The Job Portal System is a final year software engineering project. It is a web application that connects job seekers with employers. Key features include job postings by companies and application submissions by job seekers, and recommend jobs to users based on job seeker's background.

Bug Tracker API, *C#, ASP.NET CORE API, EF CORE*

The Bug Tracker project is an API for tracking bugs and assigning developers to fix them. It supports multiple projects, with each project having multiple modules such as front end and back end.

Inventory Management System, *C#, WinForms, EF Core, .Net*

A desktop application using C#, WinForms, and EF Core on .NET

University Management API, *Java, Spring Boot, PostgreSQL, Spring Framework, Gradle, Spring Data*

The University Management API is a Java-based project designed to manage various aspects of a university system, including student records, course management, faculty administration, and department coordination.

See full list of the projects on my Github.

SKILLS

Programming Languages

- Java
- C#
- SQL

Development Tools

- Visual Studio Code
- IntelliJ IDEA
- Visual Studio
- Gradle
- Postman

Others

- GitHub
- Git
- CQRS
- Functional Programming
- Microservices
- Hexagonal Architecture

Frameworks and Libraries

- Spring Framework
- Spring Boot
- Spring Data
- Spring Security
- Spring Cloud Contracts
- JUnit
- Vavr
- ASP.NET CORE
- ASP.NET CORE MVC
- ASP.NET CORE API
- Entity Framework Core
- xUnit

Databases

- SQL Server
- Postgres
- Liquibase
- DataGrip
- pgAdmin

Cloud

Microsoft Azure