

Tareg Safi

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Professional Summary

Resourceful and innovative Java Developer with over 5 years of experience in Spring Boot and strong software development skills using Java and web application technologies. Demonstrated expertise in relational databases, SQL, and ORM technologies (JPA2, Hibernate). Proficient in JSON, SOAP APIs, REST, XML, and XHTML with a solid understanding of Agile software development methodologies. Strong problem-solving abilities with a track record of working independently to resolve complex issues promptly. High attention to detail, excellent analytical and troubleshooting skills, and the capability to manage multiple projects simultaneously.

Professional Experience

Software Engineer

Interactive Ltd., Dubai, UAE

November 2023 - Present

- Project: Integration of Public Prosecution Services in Government Applications
 - Collaborated with a team to integrate public prosecution services into various government applications, including the "Dubai Now" app.
 - Developed and maintained over 10 microservices using C# and Entity Framework, providing APIs for functions such as user login, case management, file updates, and file downloads in Base64 format.
 - Implemented APIs for additional services like search stop, government/private addressing, and case photocopies.
 - Conducted thorough analysis, created use cases, and performed rigorous testing of APIs to ensure reliability and performance.
 - Utilized Figma for designing user interfaces and user experience workflows.
 - Integrated prosecution services into the "Dubai Now" mobile application using microservices architecture with Spring Boot.
 - Structured services into core and UI modules, adhering to microservice principles.
 - Defined journey types and configured screen sequences for workflows, ensuring seamless navigation through the application.
 - Established a comprehensive package structure for services, constants, and templates for different platforms and versions.

Technologies Used:

Programming Languages: C#, Java

Frameworks: Entity Framework, Spring Boot

Database: Oracle, PostgreSQL
Tools: Figma, Postman
Technologies: Microservices, REST APIs, JSON

Java Developer

Airritailer, Dubai, UAE

May 2022 – October 2023

- Project: IATA-CERTIFICATE SOLUTION
 - Developed REST and SOAP endpoints, following agile methodology for efficient and cost-effective solutions for airlines, travel sellers, and other travel firms.
 - Designed, developed, and maintained features on both front-end and back-end applications.
 - Performed bug fixing and feature enhancements across various applications.
 - Integrated APIs for different suppliers, including Amadeus.
 - Implemented Spring Boot microservices for message processing within a Kafka cluster setup.

Technologies Used:

Programming Languages: Java 1.8

Frameworks: Spring Boot, Spring Data JPA, Spring Security

Databases: MongoDB, PostgreSQL

APIs and Web Services: REST, SOAP, JAX-RS, JAX-B

Other Technologies: Microservices, Redis, S3 bucket, ECS, Junit, Swagger, Docker

Java Developer

SDIT Solution, Dubai, UAE

March 2021 – April 2022

- Conducted technical analysis, design, development, and documentation with a focus on implementation.
- Developed and maintained REST web services.
- Anticipated emerging customer needs and developed innovative solutions to address them.
- Solved unique and complex problems with a broad impact on business operations.
- Implemented application-level persistence using Hibernate and Spring.

Technologies Used:

Programming Languages: Java 1.8

Frameworks: Spring Boot, Spring Data JPA, Spring Security

Technologies: JSON, Redis, S3 bucket, Junit, Mockito, MockMVC

Software Engineer

School Staff Management, Ideals-IT-Solution, Khartoum, Sudan

January 2019 – February 2021

- Migrated a Java desktop application built using Java Swing/AWT to a web application using Spring Boot and React.js.
- Transitioned the data access layer from JDBC to Spring Data JPA with Hibernate implementation.
- Implemented JSON Web Token (JWT) authentication with Spring Security to secure REST endpoints.
- Stored user photos in AWS S3 bucket.
- Applied functional programming techniques using Java 8 features.
- Utilized Redis for caching mechanisms.
- Achieved 85% test coverage with Junit and Mockito.
- Performed component testing using MockMVC.

Technologies Used:

Programming Languages: Java 8

Frameworks: Spring Boot, Spring Data JPA, Spring Security, React.js

Technologies: JSON, JWT, Redis, AWS S3, Junit, Mockito, MockMVC

Education

Bachelor of Software Engineering

University of Science and Technology, Omdurman, Sudan

Graduation Year: 2017

Technical Skills

Programming Languages:

Java, C#

Frameworks:

Spring Boot, Spring Data JPA, Spring Security, Hibernate, Entity Framework

Web Technologies:

JSON, SOAP APIs, REST, XML, XHTML, React.js, Thymeleaf, Bootstrap, JQuery

Databases:

PostgreSQL, MySQL, MongoDB, DynamoDB, Oracle

Tools:

Maven, Git, GitLab, GitHub, Jenkins, JMeter, PuTTY, WinSCP, Mantis, Jira, Log4j, Eclipse, IntelliJ, AWS S3, Twilio, AWS EC2, AWS ECS

Other Technologies:

Microservices, JWT, Redis, Docker, Kafka