Yamen Amjed Mustafa

Java Developer

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As a student specializing in the field of computer and information systems with a strong focus on software development, I possess extensive expertise in Java programming and back-end development, with a specialization in the Spring Boot Framework, my proficiency extends to architecting server-side applications, complemented by a solid understanding of database management. , also has a talent for solving complex problems through innovative technical solutions and as part of team in contests competitive programing I was proficient Java and Python programing language. Passionate about leveraging strong skills in web development, software development and algorithm design to innovative projects while ensuring the reliability and longevity of software solutions.

Education

Bachelor's degree in computer information and technology– Jan 2024 with GPA **88.5**.

Yarmouk University, Irbid

Projects

Kickoff Net:

Project on GitHub

This is my graduation project. The project aims to develop a match registration system that allows users to register for football matches and allow the football field owners to add their football fields to the system and host matches in Java-Spring Boot framework.

As a Backend developer I worked on:

- o Create the database with PostgreSQL, using ORM methodology behind different Spring Boot notation.
- o Create different APIs and functions for the project.
- o Ensured the reliability and efficiency of the application through rigorous testing and debugging using Postman.
- o Successfully delivered the Project with user friendly interface also with strong and valid backend side.

Job Application Management System

[Project on GitHub](#)

This application enables job seekers to efficiently manage their job applications, including functionalities for adding, reviewing, updating, and deleting job entries. The system aims to simplify the job search process and serves as an educational resource for those learning the Spring Boot framework.

I worked on:

o   Designed and implemented a robust backend system using Spring Boot framework.
o   Created RESTful APIs to handle CRUD operations for job and review entities.
o   Integrated Spring Boot Actuator to monitor application health, metrics, and other operational information.
o   Applied best practices for Spring Boot configuration and dependency management.
o   Utilized JPA for database interactions, ensuring efficient data persistence and retrieval.
o   using postman to test all APIs.

Relevant Coursework

o   Beginner's Crash Course to git and GitHub
o   Object-Oriented Programming
o   Data Structures and Algorithms
o   Spring Framework Development
o   Database Management Systems

Skills

Key Skills: Object-oriented programming (OOP), Algorithm design, Data structures, Problem-solving, Complexity analysis, and Software development.

Programming languages: Java, Python.

Frameworks: Spring boot.

Databases: PostgreSQL, SQL, ORM, JPA, and Database Design.

Version Control: Git and GitHub.

Others: Basic in Microservice, Collections, Maven, Clean code.