Akram Kasem Ahmed Dawwod

Mid-Level Java Software Engineer
(3 Year Experience)

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OBJECTIVE

Innovative Mid-Level Software Engineer with a proven track record in designing and implementing software solutions that solve complex problems. Expert in Java (SE & EE) with deep expertise in Spring, Hibernate, and microservices architecture. Strong in database design and analysis, with hands-on experience in Databases . Adept at translating business needs into technical specifications, developing comprehensive documentation, and delivering scalable, high-performance applications. Effective communicator with strong collaboration skills, participating in competitive programming and continuously enhancing expertise in cutting-edge technologies , and lifelong learner .

PROFESSIONAL EXPERIENCE

FUDEX EBS

Java Backend Developer, *September 2022 – Present*

FUDEX EBS: Saudi company providing tailored e-commerce, ERP, and CRM solutions **https://fudex.com.sa** . work in **Q-Stock** Leading stock management firm offering inventory tracking, ERP integration, and seamless client support. **https://stock.qvm.parts**

- **System Upgrades:** Led significant system enhancements, improving overall performance and efficiency by 25%.
- **Feature Expansion:** Integrated advanced features tailored to industry needs, expanding system capabilities and driving a 30% increase in user adoption.
- **Enhanced Usability:** Streamlined user experience by optimizing interface design and core processes, reducing manual errors by 40% and cutting data entry time by 20%.
- **Optimized ERP Integration:** Successfully integrated with multiple ERP systems, enhancing data synchronization and operational workflows.
- **Structural Overhaul:** Upgraded the system architecture from JBoss and outdated structures to Spring Boot, implementing a clear, streamlined architecture and well-defined microservices.
- **Scalable Solution:** Spearheaded a major project to make the system adaptable for all product types, ensuring flexibility and scalability across diverse industry requirements.

FOE (Future of Egypt)

.NET Backend Developer, *November 2023 – November 2024*

- Worked on upgrading the infrastructure and enhancing backend systems to improve performance, scalability, and security using .NET technologies.

Freelancer, Full Stack Java Developer & Instructor

2019 – 2022

- **Freelance Projects:** Developed and delivered several freelance projects, enhancing expertise in full-stack development, focusing on Java.
- **Java Instruction:** Provided comprehensive Java programming instruction, successfully teaching core and advanced concepts, helping aspiring developers become proficient software engineers.

EDUCATION

Zagazig University

Bachelor of Computer Science, 2019 – 2023
Graduated with a strong academic record, achieving a very good general grade, and earning distinction for my graduation project.

ACTIVITIES

- participate (ECPC) Contest 2021
  2021-HelwanCPC2020
- Other Certificates in java
  Certificates

SKILLS

Core Competencies:

- **Problem Solving**
- **Object Oriented Programming & Design**

- **Base System Analysis & Design**
- **Data Structure & Algorithm**
- **Design Patterns & Solid Principles**

Development Expertise:

- **Languages:** Java, C++, C, Python, C#
- **Java Technologies:** Core Java, Network Programming, Swing, AWT, JavaFX, Servlet, JSP, JSTL, JSF, WebSocket
- **Spring Framework:** Core, Data (Hibernate), MVC, RESTful API, Boot, Security, Cloud, Microservice
- **Front-End Development:** HTML, CSS, Bootstrap, Angular, Node.js, Basic React, TypeScript
- **API Development:** RESTful Services, Swagger Documentation, SOAP Basic, XML
- **Microservices & Cloud Architecture**
- **Cloud Services:** AWS, AZURE, Digital Ocean
- **WebSocket & Real-Time Development:** Skilled in building real-time apps with WebSocket for live data updates and interactive features.

Tools & Technologies:

- **Version Control:** Git, GitHub, Bitbucket**,** CI-CD
- **Databases:** MySQL, PostgreSQL, SQLite, Oracle (Basic), Documented DB
- **Containerization:** Docker, Docker Compose
- **Reporting:** Jasper Reports
- **Testing:** JUnit
- **Project Management:** JIRA
- **Basics Of DEVOPS**

Additional Proficiencies

- **.NET Framework**
- **Flask Frameworks**

PROGECTS

Bimarestan (Doctor Reservation app like vezeeta)
JULY 2023
This is designed to simulate a doctor's reservation via the Internet, and any patient has his own medical record or history, the location of the incidents, and the addition of analysis for the doctor to see.
Used : Spring Boot - Spring Security - JPA, Hibernate - RESTFUL API - Google Mail - Notification firebase – Angular -Swagger – AWS – MySQL - Junit Test

Nebras Academy (E-Learning Website)
JUNE 2022
This is designed to simulate online education, it is in its early stages and is being developed.
Used : Spring Boot - Spring Security - JPA, Hibernate - RESTFUL API - Google Mail - Notification firebase – Angular -Swagger – AWS – MySQL - Junit Test
https://www.youtube.com/watch?v=TJk_r4jvqdA

Online Quiz

SEP 2021

This is made to simulate online exams and set exams for students

Used : Spring Boot - Spring Security - JPA, Hibernate - RESTFUL API - Google Mail - Notification firebase – Angular -Swagger – AWS – MySQL - Junit Test

https://www.youtube.com/watch?v=wTYl8Lua7Tc

For More Project follow links:

https://www.youtube.com/@AkramKasem , https://github.com/AkramKasem

LANGUAGES ....

- Arabic Native
- English Intermediate