

# Akram Kasem Ahmed Dawwod

Mid-Level Java Software Engineer  
(4 Year Experience)

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## OBJECTIVE

Innovative Senior 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- **Structural Overhaul:** Upgraded the system architecture from JBoss and outdated structures to Spring Boot, implementing a clear, streamlined architecture and well-defined microservices.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 )

*Backend Developer, November 2023 – Present*

- 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 .....

## ACTIVITIES .....

### 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.

- 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

## PROJECTS .....

### 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](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