Karim Taha

Backend Engineer | Java & Spring Specialist

CONTACT INFORMATION

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Portfolio: Website Link

PROFESSIONAL SUMMARY

Results-driven Backend Engineer with expertise in Java and Spring technologies. Proven track record in developing scalable web applications, RESTful APIs, and microservices. Skilled in problem-solving and delivering robust solutions to complex challenges. Excellent communicator adept at collaborating in cross-functional teams.

CORE COMPETENCIES

- ❖ **Programming Languages:** Java, SQL
- ❖ **Java Ecosystem:** Java EE, JPA, Hibernate, JDBC
- ❖ **Frameworks:** Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Spring Cloud
- ❖ **API Development:** RESTful, SOAP
- ❖ **Architecture:** Monolithic, Microservices, Modular
- ❖ **Databases:** MySQL, Oracle, SQL Server (*database design and optimization*)
- ❖ **Application Server:** WebLogic, Tomcat
- ❖ **Cloud & Containerization:** Docker, Kubernetes
- ❖ **Testing Frameworks:** JUnit
- ❖ **CI &CD:** Git, GitLab, Maven
- ❖ **Frontend Technologies:** Angular, HTML, JSP, JSF (*familiar*)
- ❖ **Monitoring & Observability:** Prometheus, Grafana, Loki, Tempo, Zipkin, Jaeger
- ❖ **Integration & Messaging:** Fiorano middleware, JMS, Message Queue
- ❖ **Methodologies & Best Practices:** Agile Development, OOP, Design Patterns, SOLID Principles

PROFESSIONAL EXPERIENCE

Backend Engineer, Intercom Enterprise, Egypt, Website Link   Nov 2023 – Present
- ❖ Develop and implement backend solutions using Spring Boot.
- ❖ Led development of REST APIs for diverse front-end channels.
- ❖ Collaborate with cross-functional teams to define technical requirements and drive innovation.
- ❖ Analyze project needs and make strategic decisions to meet business objectives.
- ❖ **Projects:**
  - ➢ **Public Prosecution Office Digitalization:**
    - ▪ Spearheaded transition from paper to digital archives.
    - ▪ Developed REST APIs using Spring Boot.
    - ▪ Participated in UAT, production deployment, and server setup.
    - ▪ **Technologies:** Java, Spring Frameworks, Oracle DB, RESTful APIs, OpenText.
  - ➢ **Family Prosecution Online Document Management System:**
    - ▪ Implemented comprehensive document management solution.
    - ▪ Integrated with national services (Egypt Post, E-Finance) and major ISPs.
    - ▪ Developed REST APIs using Spring Boot.
    - ▪ Engaged in UAT, production deployment, and server setup.
    - ▪ **Technologies:** Java, Spring Frameworks, SQL Server DB, SOAP Services, RESTful APIs.

Software Developer, Asset Technology Group, Egypt, Website Link   Aug 2023 – Nov 2023
- ❖ Collaborated with cross-functional teams to gather requirements and meet project deliverables
- ❖ **Worked with integration & middleware technologies:** Fiorano middleware, Message Queue, Java Message Service (JMS)
- ❖ Developed RESTful Web-Services and SOAP services
- ❖ **Utilized technologies:** Java, SQL, XML, XSD, XSLT

EDUCATION

Information Technology Institute (ITI), Smart Village Branch, EGYPT Oct 2022 – Jun 2023

9-Month Professional Diploma, Java Web and Enterprise Development

I gained comprehensive skills and knowledge to excel as a full-stack developer. Throughout the course, I successfully completed several projects that highlight my proficiency in various technologies, including:

- ❖ **Projects:**
  - ➢ **ITI-Graduation-Project** – Home Rental Website - AirMAK Website - GitHub-Link
    - **Description:** offers a comprehensive solution for property seekers, property owners, and administrators alike. With its user-friendly interface, secure authentication (Google Authentication), advanced search capabilities, and Google Maps integration, the platform provides a seamless experience for users in the real estate market.
    - **Role:** Full-Stack development.
    - **Technologies used:** Spring (Boot, AOP, Security, Data JPA), MySQL, Angular.
  - ➢ **Sakila APIs** – Restful and Soap APIs
    - **Description:** Developed APIs for CRUD operations on Sakila Schema DB.
    - **Role:** Backend development.
    - **Technologies used:** Java, JPA and MySQL.
      - o **Restful** – JAX-RS – GitHub-Link**.**   o **Soap** – JAX-WS – GitHub-Link**.**
  - ➢ **E-commerce web application** – POSH Website - GitHub-Link
    - **Description:** The project focused on providing seamless browsing, shopping experiences for customers, with features such as product listings, search functionality, and shopping cart management.
    - **Role:** Full-Stack development.
    - **Technologies used:** Java, Servlets, JSP, MySQL, HTML, CSS, JavaScript, jQuery, AJAX, Restful.
  - ➢ **Chat Application** – Desktop chat application – ChatUP App - GitHub-Link
    - **Description:** It offers a wide range of features such as real-time messaging, group chats, media sharing, chatbot integration, notifications, an admin dashboard, system statistics, and admin announcements.
    - **Role:** Full-Stack development.
    - **Technologies used:** JavaFX, JDBC, MySQL, RMI, CSS and managed using Maven.

Faculty of Graduate Studies for Statistical Research, Sep 2021 - Present

Cairo University, EGYPT

Diploma of Higher Education (DipHE), Computer Science department **(**GPA: 3.0**)**

Faculty of Education, Ain Shams University, EGYPT Sep 2017 - Jun 2021

Bachelor of Science and Education, Science department **(**Grade: Good**)**

COURSES

Front End & Performance Testing, EGFWD – Udacity – Certification Link May 2022
- ❖ **Projects:**
  - • **E-Commerce App Automation Testing** using Selenium WebDriver with Java. GitHub Link

Languages

- • Arabic (Native)
- • English (Limited working proficiency)