



Mohamed El kazzaz

JAVA Software Engineer [in](#) [G](#)

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Objectives

- Seasoned Senior Java Software Engineer with extensive experience in designing, developing, and maintaining scalable software solutions using modern frameworks like Spring Boot, Quarkus, and Vert.x. Adept in microservices architecture, cloud technologies (AWS), and database management (MongoDB, Oracle). Passionate about driving digital transformation through innovative technical solutions, mentoring teams, and delivering robust, high-performance applications. Seeking to leverage my expertise in Java ecosystems and problem-solving abilities to contribute to the success of a dynamic and growth-oriented organization.

Work Experience

Company: _VOIS (Vodafone Intelligent Solutions)

Duration: SEP-2023 - Present

Role: Senior Software Engineer (Ireland Market)

- Involved in a revamp project for the entire Ireland portal, using:
 - Microservices architecture
 - Quarkus, Java, Maven, MongoDB
 - OSB (Oracle Service Bus), TMF (Telecom Management Framework)
 - Vert.x, Contentful, AWS Jenkins for CI/CD pipelines.
- Extensive experience in developing and maintaining software solutions using Java and Spring Boot, ensuring the creation of robust and efficient applications.
- Served as a Senior within the team, providing guidance and mentorship to junior developers on Java and Spring Boot best practices.
- Proficient in troubleshooting and resolving complex technical challenges within Spring Boot applications, resulting in improved system performance and reliability.
- Collaborated seamlessly with cross-functional teams, including product managers, quality assurance specialists, and operations teams, to align technical efforts with business goals.

Company: Coral Technology (Tech4Health) based in U.S, May-2022 - SEP 2023

My Roles: Software Engineer (Java && Kotlin)

- Develop new features utilizing Kotlin, Java, and Spring with a focus on creating reactive modules using Vert.X.
- Successfully migrated PHP projects to JAVA, resulting in improved performance and functionality.
- Contribute to the refactoring, maintenance, and improvement of legacy code utilizing Kotlin.
- Play a critical role in designing system architecture and database schema, ensuring efficient development processes.
- Spearheaded the project build to synchronize and integrate actions and data between legacy and refactored projects using Kotlin.

Projects

- Referrals Project**
Successfully migrated 15 modules from PHP to Java utilizing spring-boot, JPA, Hibernate, KeyCloak, JDBC, and rest template. Implemented Mysql database for optimized performance.
- Notification Project**
Developed a comprehensive notification service using Vert.X, Sendgrid, RabbitMQ, Firebase, and MySQL database. Delivered efficient email notifications to customers and enabled mobile and web notifications through fire-base.
- Liquibase Project**
Designed a Liquibase module for specifying database changes using SQL or various databases-agnostic formats such as XML, YAML, and JSON.
- Contacts Project**
Developed a centralized contact management system that stores and shares information across the organization for providers, payers, and care management organizations.
- Centralized Technical Service Project**
Led development efforts to create a centralized technical service project that implemented encode and decode

functionality, Enums, models, and AMQP shared settings. Collaborated with cross-functional teams to ensure Successful delivery of shared staff.

- **Bundles Module**
Developed a bundle module leveraging Vert.X and Elasticsearch to store, find, and search for bundles across the United States. Implemented efficient querying algorithms to optimize search results.

Company: TEZ TOUR based in Russia, May-2020 to May- 2022

My Roles: Java Software developer

- Utilized Agile methodology to analyze, design, and produce use case scenarios, UMLs, coding best practices based on industry-standard design patterns, and testing mockups.
- Developed a diverse range of applications, comprising INFOBOARD, operation, travel, hotel, reservation, guide, and ERP.
- Collaborated with cross-functional teams to diagnose technical problems and contributed to analysis, design, and coding efforts.
- Established the foundational back-end architecture using Java and Spring, Oracle.
- Integrated reports seamlessly into the system.
- Streamlined system performance through optimization techniques.

Projects

- **Infoboard Project**
Spearheaded the development of a tourism management system that enabled users to view reservation dates, departure times, and hotel details. Built using Spring Core, JSP, JSTL, Oracle Database, Javascript, AJAX, SVN, and Jenkins, the project facilitated booking various trips.
- **Operation Project**
Led the development of an operations management system that allowed company employees to manage all company systems, vehicle registration, plane schedules, hotel reservations, and other logistics. Utilized Spring Core, JSP, JSTL, Oracle Database
- **Info-EG Project**
Spearheaded the development of the InfoEg Project, an innovative platform that enables Egyptians to seamlessly book various trips, manage reservation dates, hotel details, departure times, and travel between cities. Utilized cutting-edge technologies such as Spring Core, JSP, JSTL, Oracle Database, Javascript, AJAX, SVN, and Jenkins to ensure optimal user experience.
- **Info Admin project**
Conceptualized and executed the Info Admin project to empower company Admin to efficiently manage InfoBoard and InfoEg, while also allowing them to add tours and excursions for customers. Leveraged technical proficiency and strategic thinking to ensure smooth operations of the platform
- **ERP Project**
Led the development of the ERP Project, an automation tool designed to streamline mundane and repetitive tasks such as reports, while also improving communication, collaboration, and data security. Utilized active verbs to showcase technical skills and achievements that helped drive the project's success.

Company: Pioneer Solutions

My Roles: Software developer

- Created and constructed innovative desktop applications utilizing programming languages such as Java and C#.
- Provided exceptional customer support by effectively communicating technical issues and offering prompt resolution.
- Designed and developed efficient database structures to enhance data retrieval and storage capabilities.
- Implemented databases with precision, ensuring seamless integration with applications and systems.
- Crafted user-friendly interfaces for optimal user experience and improved usability.

Skills

Programming Languages

- Java
- Kotlin
- Previous experience with C# and C++
- Data Structures Concepts
- Reactive Programming (Vert.x)

Frameworks and Libraries

- Spring Framework (Spring, Spring MVC, Spring Boot, Spring Security, Spring Data ,WebFlux)
- Quarkus
- Hibernate, JPA
- Keycloak
- Java Swing

Database Technologies

- ORACLE, MongoDB, PostgreSQL, MySQL, SQL Server, H2, Redis
- SQL queries, PL/SQL, Stored procedures, triggers
- Elasticsearch

- J2EE, Jakarta, Servlets, JSP, JSTL
- Mockito, JUnit 5 (Unit Testing)
- Previous experience with .net, asp.net and asp.net core

Build Automation & CI/CD

- Maven, Gradle
- Jenkins
- Docker

Web Technologies & APIs

- HTML5, CSS3, Bootstrap
- JavaScript, jQuery, Ajax
- XML, JSON
- Swagger, OpenAPI

Messaging & Communication

- RabbitMQ, AMQP
- Kafka

Architectural Styles

- Microservices
- Monolithic architecture

Version Control & Collaboration

- GIT (Gitlab, GitHub)
- Tortoise SVN
- Jira (Agile Scrum)

Integrated Development Environments (IDEs)

- Eclipse, IntelliJ, NetBeans, Spring Tool Suite (STS)
- KeyCloak
- Visual Studio, Visual Studio Code

Education

Faculty of computer and information Menofia University 2016-2020

Bachelor in information system

Project Grade: Excellent

Graduation Project (Transfer Experience)

Role: Database Designer, analyst, documentation manager. Make all the analyzes such system requirements and user requirements , database design, System Models (Use case, Sequence Diagrams, State diagrams) for the flutter Application.

Certificates

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- HIPAA Associate (HIPAAA) [link](#)
 - Programming Foundations: Data Structures [link](#)
 - Learning Java Threads [link](#)
 - Object-Oriented Programming with Java By: Madecraft and June Clarke [link](#)
 - ITI for Microsoft track [link](#)

Soft Skills

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- Self-Learning and Ability to work under pressure and as a part of a team.
 - Ability of traveling anywhere when needed for work purposes.
 - Sociable, Cheerful and full of enthusiasm.

Languages

ARABIC – Native | ENGLISH – good