TAOUFIQ EL MOUTAOUAKIL

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SOFTWARE ENGINEER

Experienced Software Engineer with 2 years of experience adept in Java Spring Boot, MySQL, MongoDB, Docker, and PHP/Symfony. Proficient in requirements analysis, performance optimization, and solution development. Effective leader in guiding teams through the software development life cycle, delivering robust solutions leveraging cutting-edge technologies.

Microservices • Inversion of Control • Database Design • Containers • CI/CD
Test Driven Development • Automated Testing • Software Development Life Cycle

Languages: Java, PHP, JavaScript
Web: ReactJS, HTML, CSS, XML
Web Services: REST, SOAP, GraphGL. JSON
Web/App Servers: Apache, Tomcat, Glassfish, NGINIX
Frameworks: Spring Boot, JSF, Hibernate, JPA, Symfony.
Databases: MySQL, MongoDB
Design Patterns: Singlton, MVC, DDD, CQRS, Factory Method Pattern, Saga Pattern, Event Sourcing
SDLC: Agile (SCRUM)
Tools: Maven, Eclipse, Postman, IntelliJ, GIT, GitLab, Docker, ActiveMQ, Zipkin, Hystrix, Elastic, REST Assured
Platforms: Windows, Linux

PROFESSIONAL EXPERIENCE

CAREER NOTE: *Completed on-campus studies and currently taking distance education courses to complete a* **Master's Degree in Computer Science** *(Available for full-time, W-2 employment).*

RIBATIS, Casablanca, Morocco • 03/2023 – 07/2023
Software company

Software engineer
Developed Moroccan Football Federation platform.
- Designed intuitive user interfaces with React.js, leveraging Redux for streamlined state management, enhancing application performance, and ensuring seamless user interaction.
- Employed Docker to containerize the database, enhancing scalability, portability, and simplifying deployment processes.
- Implemented dynamic contract templates using the React-pdf library, automating tasks like annual income calculation for players and signature granting, revolutionizing the process and enhancing efficiency and accuracy. Additionally, seamlessly extracted values for intermediary benefits, resolving challenges inherent in traditional methods.
- Spearheaded the integration of advanced authentication and authorization mechanisms into the Moroccan Football Federation platform, ensuring secure access for administrators, coaches, players, and fans.
- Utilized OAuth 2.0 and JWT tokens to enforce role-based access control and protect sensitive data, bolstering the platform's resilience against unauthorized access and data breaches.
- Boosted database performance for the Moroccan Football Federation platform through indexing and query optimization techniques, while employing caching mechanisms to expedite data retrieval and minimize latency.

Technologies Used: *Java, Spring, MongoDB*

GO&DEV, Rabat, Morocco • 02/2022 – 02/2023.
Telecommunications solutions provider delivering innovative software solutions.

Software engineer
Transitioned recruitment to digital processes.

- Modernized recruitment processes by replacing Excel-based methods with Java, DDD, and CQRS, enhancing efficiency and enabling candidate tracking and communication via React JS interfaces.
- Containerized deployment with Docker and version control with GitLab for collaboration facilitated intuitive user experiences and seamless database interaction using React JS and REST APIs.
- Optimized Java and DDD backend architecture for data handling and domain modeling, achieving enhanced performance and scalability with CQRS implementation while maintaining data integrity.
- Streamlined development and collaboration through GitLab version control, ensuring scalability and readiness for varying workloads with Docker deployment.
- Developed user-friendly front-end interfaces with React JS, enabling real-time updates and interactive candidate management through REST APIs.

Technologies Used: *Java, DDD, CQRS, Docker, GIT, GitLab, React JS, REST API, MySQL*

ACADEMIC PROJECTS

Maharishi International University (2023) E-commerce Web Site: Developed an e-commerce project with comprehensive CRUD functionalities for seamless service management. Integrated order processing and shipping modules, ensuring efficient and streamlined operations throughout the entire e-commerce platform. Utilized Spring, React JS, GIT, JUnit, Selenium, GIT

Maharishi International University (2023) Electronic Badge Scanner System: Developed a robust backend system for managing attendance or access control using electronic badges. Built using Java, Spring Boot, PostgreSQL, Docker

PERSONAL PROJECT

Flight Reservation 2023: Developed a flight reservation project enabling users to book and manage flights seamlessly. Implemented a user-friendly interface for browsing, selecting, and confirming flight reservations, enhancing the overall booking experience.. Utilized Spring, API-Gateway, Registry service, ZipKin, React, Git

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 04/2026)
Maharishi International University, Fairfield, Iowa

Key Courses: Algorithms, Web Application Architecture, Software Architecture, Enterprise Architecture

Master's in Applied Computer Science Offshoring
Mohammed V University, Rabat, Morocco (2022)

Bachelors in Mathematical and Computer Science
Mohammed V University, Rabat, Morocco (2020)

CERTIFICATIONS

Cloud Application Developer 2021 Mastery Award: IBM