

Marouane BELMALLEM

Full Stack Developer - JAVA, Angular, AWS

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📁 portfolio | 🐙 github | 🔗 linkedin

SKILLS

Programming Languages	Java, JavaScript, TypeScript, SQL
Frameworks/Libs	Spring Boot, Angular, React.js
Cloud & DevOps	AWS, Docker, Linux, Gitlab\Github (CI/CD), Jenkins, Kafka

EXPERIENCE

Capgemini: Orange

September 2024 - Present

Transformation of a Legacy Portal to a Microservices Architecture

Spring Boot, Angular, Microservices, Scrum

- Collaboration on France-Morocco skills transfer: Developing technical documentation, user guides, and specifications to facilitate the upskilling of the new Morocco team.
- Development of new microservices and enhancement of existing services, including the implementation of unit tests and resolution of anomalies reported by Orange operators.
- Technical contribution to portal redesign workshops and creation of initial mockups for migrating JSF/JSP/Servlet components to Angular.
- Implementation of reactive APIs with WebFlux, integration of security via Keycloak, and establishment of inter-microservice authorization controls, accompanied by Swagger documentation.
- Participation in client demonstrations during Sprint reviews.

Capgemini: TotalEnergies

March 2023 - May 2024

Development of an ETL System on AWS for Managing Lubricant Distribution Data

Java, Spring, AWS Lambdas

- Analysis of the existing architecture and selection of AWS services (Lambda, S3, SQS) to optimize lubricant distribution data processing.
- Exposing APIs via AWS API Gateway for integration with external systems.
- Establishing connections between AWS Lambda functions and AWS Secrets Manager to secure sensitive information.
- Implementation of unit tests and automated deployments with GitHub CI/CD to ensure code quality and deployment stability.
- Reviewing collaborators' code and validating pull requests (PRs).
- Overseeing the delivery of flows in pre-production and production, ensuring system stability during deployment.

Capgemini: TotalEnergies

April 2021 - July 2024

Development of a Web Portal Dedicated to B2B Clients and TotalEnergies Stations

Java, Spring, React, Linux, Scrum

- Integration of email sending via SendGrid to inform about new products and news.
- Development of features for automatic updating of product lists from external systems with category-wise visualization.
- Creation of an interface for submitting clarification requests, complaints, and for interactions with sales representatives.
- Implementation of user journey tracking on the application with Piano Analytics and monitoring the application with NewRelic, LogStash, and Elasticsearch.
- Creation and deployment of versions on Linux servers, managing the load balancer, monitoring, and cleaning servers after each deployment.
- Management of SSL certificates for servers across different environments and internal application configuration.
- Collaboration in an Agile (Scrum) environment.

EDUCATION

Information Systems & Networks Engineering

EHTP Engineering School

Sep 2018 - April 2021

Casablanca, Morocco

DEUG in Applied Mathematics

Faculty of Sciences Ain Chock

Sep 2016 - June 2018

Casablanca, Morocco

CERTIFICATS

Agile & Design Thinking - Coursera: U. Michigan

Agile - Design Thinking - Project Study - UX..

LANGUES

Arabic: Native

French: Fluent

English: Intermediate