Marouane BELMALLEM

Full Stack Developer - JAVA, Angular, AWS

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portfolio | github | linkedin

EXPERIENCE

Capgemini: For an Energy Supplier · **April 2021 - Present**

Development & Maintenance of a Web Application for B2B Clients · *Java, Spring, React, Linux, Scrum*

- Integrated email notifications via SendGrid to inform clients about new products and updates.
- Developed features for automatic updating of product lists from external systems, with category-based visualization.
- Created an interface for submitting clarification requests, complaints, and for interactions with sales representatives.
- Tracked user journeys on the application with Piano Analytics and monitored the application using NewRelic, LogStash, and ElasticSearch.
- Created and deployed new versions on Linux servers, including load balancer management, server supervision, and post-deployment cleanup.
- Managed SSL certificates for servers across different environments and handled internal application configuration.
- Collaborated in an Agile environment (Scrum).

Capgemini: For the Same Energy Supplier · **March 2023 - May 2024**

Migration of an ETL System from Azure Cloud to AWS · *Java, Spring, AWS*

- Developed automated pipelines for managing data related to lubricant distribution.
- Implemented unit tests and automated deployments with CI/CD (GitHub) to ensure code quality and deployment stability.
- Exposed APIs via AWS API Gateway for integration with external systems.
- Conducted code reviews and validated pull requests (PRs) for the team.
- Analyzed the existing architecture and selected appropriate AWS services to meet project needs.
- Supervised the delivery of workflows in pre-production and production, ensuring system stability during deployment.

PROJECTS

Web Application for Viewing and Purchasing Products

Java, Spring, Angular, Docker

- Developed a web application for viewing and ordering products.
- Implemented security management for logins, order tracking, and SSL certificates.
- Managed card payments with Stripe.
- Containerized the project with Docker and Docker-Compose.

Mortgage Loan Simulator for SG Bank

Java, Spring, React

- Developed an interactive user interface to calculate interest on selected loans, displaying the required repayment duration.
- Implemented a feature suggesting a bank appointment date for presenting necessary documents and finalizing the procedure.
- Collaborated with the team to integrate all functionalities and ensure a smooth user experience.

SKILLS

Programming Languages Java, JavaScript, TypeScript, SQL

Technologies Spring, Angular, React.js, AWS, Docker, Linux, (CI/CD) Gitlab\Github

EDUCATION

Information Systems & Networks Engineering · **Sep 2018 - April 2021**

EHTP Engineering School · *Casablanca, Morocco*

DEUG in Applied Mathematics · **Sep 2016 - June 2018**

Faculty of Sciences Aïn Chock · *Casablanca, Morocco*

CERTIFICATS

Agile & Design Thinking - Coursera: U. Michigan

Agile - Design Thinking - Project Study - UX..

LANGUES

Arabic: Native

French: Fluent

English: Intermediate