ABDELHAKIM CHEMLAL

Software Engineer @AWS - Oracle Certified Professional Java 11 & 17

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PROFESSIONAL EXPERIENCE

Amazon Web Services (Contracted through Alithya)   **August 2024 - Present**

Software Development Engineer | Java - Spring Boot - Angular - AWS Services   *Rabat, Morocco*

- Modernized legacy COBOL applications into scalable, maintainable Java Spring Boot applications with Angular front-ends using AWS's Blu Age solution.
- Enhanced performance and efficiency of the modernized applications, implementing optimizations such as SQL query tuning, batch processing improvements, and memory management.
- Identified and resolved critical bugs in modernized applications, increasing system stability and improving user experience.

Capgemini Technology Service   **October 2023 - August 2024**

Full Stack Engineer | Client: Urssaf | Java 17 - Spring Boot - Angular - AWS   *Rabat, Morocco*

- Development of an application using **Spring Boot**, **Java**, **Angular**, **PostgreSQL**, **MicroServices**, **Hibernate**, **AWS**, **Jasmine**, **Karma**, **Sonar**, **Jenkins**, and **GitLab**, ensuring quality continuous integration and deployment.
- Client Urssaf (Social Security and Family Allowance Contribution Collection Unions): Design and implementation of a web application for recovery path tracking services.

Capgemini Technology Service   **June 2022 - October 2023**

Full Stack Engineer | Client: Transdev | Java 17/11 - Spring Boot - Angular - AWS   *Rabat, Morocco*

- Development of an application using **Spring Boot**, **Java**, **Angular**, **PostgreSQL**, **MicroServices**, **Hibernate**, **AWS**, **Sonar**, **Jenkins**, and **GitLab**, ensuring quality continuous integration and deployment.
- Client Transdev: Design and implementation of a web application for international transportation services.

Capgemini Technology Service   **March 2022 - June 2022**

Software Engineer Intern | Java 11 - Spring Boot - Angular - Keycloak   *Casablanca, Morocco*

- Development of an application using **Spring Boot**, **Java**, **Angular**, **Keycloak**, **PostgreSQL**, **MicroServices**, **Hibernate**, **RestApi**, **Sonar**, **Python**, **Flask**, **Docker**, **JUnit** and **GitLab**
- Design and implementation of a web application aimed at predicting employee departures (resignations) within Capgemini.
- Implementation of Word and PDF file generation and modification using Apache POI - Addition of passwords to PDF files for sensitive document protection - Word and PDF file import/export with advanced security - File security through AES encryption.

SKILLS

- **Programming**: *Java, JavaScript, TypeScript.*
- **Tools**: *Scrum, Confluence, Jira.*
- **DevOps Tools**: *Jenkins, Git, GitHub, GitLab, Kafka, Maven.*
- **Web Development**: *Spring Boot, Hibernate, Angular.*
- **Databases**: *MySQL, Oracle, PostgreSQL.*
- **Cloud**: *AWS (SQS, SES, ECS, S3, EC2, CloudFormation, RDS, Lambda).*

EDUCATION

ENSA-HOCEIMA - National School of Applied Sciences of ALHoceima   **Sep. 2019 – June 2022**

State Engineer Diploma, Computer Science   *AL HOCEIMA, Morocco*

CERTIFICATIONS

- Oracle Certified Professional Java 17 (1Z0-829) | *Oracle*   **February 2025**
- Oracle Certified Professional Java 11 (1Z0-819) | *Oracle*   **January 2025**
- Advanced training in Cloud | *AWS*   **August 2024 - Dec 2024**

LANGUAGES

- **Arabic** : Native Language
- **French** : Bilingual
- **English** : Professional proficiency

INTERESTS

- Sports: Former goalkeeper at HILAL NADOR.
- Regional Best Junior Enterprise Competition
- Problem Solving (CodinGame Certified)