Adnane Miliari

Software Engineer - Java & DevOps enthusiast

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EXPERIENCE

Renaps | Montreal (Remote)   *January 2023 – Present*

Java Developer Consultant

Project: Migration of various Oracle Forms projects to Java based on an internal tool called Ormit.

Assisted in the migration of various Oracle Forms projects to Java, including identifying and correcting bugs and anomalies. Additionally, contributed to the implementation of new functionalities, such as the integration of Jasper Reports, deployment and among others.

Skills: Java 8 / 11, Git / GitHub, Jasper Reports, SQL, oracle database.

Akkodis | Casablanca, Morocco   September 2021 – December 2022

Java Software Engineer

Project: JEE web application to test and supervise aircraft engines.

Client: Safran - Aviation industry

- Contributed to the development and maintenance of new features and bug fixes for the application, ensuring successful deployment using Jenkins.
- Effectively coordinated technical aspects of the project, ensuring functional requirements were met while troubleshooting and resolving issues as they arose.
- Communicated consistently with the client by providing regular progress reports and updates on actions taken.
- Lead DevOps efforts of the project by maintaining virtual machines of Docker, Jenkins and Artifactory, and configured CI/CD pipelines in Jenkins for the new versions to ensure successful deployment for the team.
  - Improved efficiency of CI/CD pipelines by optimizing docker-compose configuration, cutting the execution time of Jenkins Job in half.
- Enhanced team collaboration and faster commits by migrating project branches from SVN to Git/Gitlab and fully adopting Git.
  - A blog about my journey in the migration https://www.miliari.me/blog/migrating-from-svn-to-git-gitlab
- Designed and presented illustrative schemas for the project, including servers communication, project architecture and CI/CD pipelines, to assist the team in understanding and implementing the project's goals.

Skills: Java/J2EE, EJB3, SPRING, JPA/Hibernate, Maven, SQL, Linux, AngularJs, Jenkins, SVN, Git(gitlab), Docker, Agile methodology

Akkodis | Casablanca, Morocco   *March – August 2021*
Software Engineer Intern

Project: Created a WordPress plugin to handle the delivery and recovery of purchases from a relay point for 1001Pneus, a global e-commerce platform for tires

Client: 1001Pneus / Cdiscount - E-commerce

- Analyzed and applied functional requirements to design solutions using BPMN and UML
- Produced mockups of interfaces for the client to present design ideas and gathering feedbacks
- Ensured quality of code through the application of good practices in PHP (PSR) and object-oriented development.
- Configured development environment using docker and docker-compose.
- Developed the hooks functions for WordPress and scripts with jQuery / JavaScript.

Skills: PHP, WordPress/ WooCommerce, CSS3, HTML, JavaScript(+jQuery), Docker, docker-compose, Agile methodology.

Haltys | Paris, France   *June – July 2020 (6 weeks)*
Back-End developer Intern (remote)

Project: Worked on a project to implement a system for managing and maintaining the quality of suppliers (Supplier relationship management - SRM) simplified.

Skills : PHP(+laravel5), CSS3(+Bootstrap4), HTML, JavaScript(+jQuery, +Ajax).

M4tech | Errachidia, Morocco   *August – October 2020*
FullStack developer Intern

Project: Design and develop a system for managing and validating files, generating slips, and handling complaints for public administration.

Skills: Spring boot, spring data JPA, spring security, spring MVC, Thymeleaf, CSS (+Bootstrap), JavaScript (+jQuery, Ajax).

SKILLS

- **Back End Development**:
  - Framework JEE: Spring (IoC, MVC, Security, Data, Cloud)
  - Technologies Java/JEE: Servlet, JSP, MVC, EJB, JPA
  - Technologies PHP: Laravel 5+
  - Technologies JavaScript: NodeJs (+ExpressJs), Ajax
  - Golang (Beginner)
- **Front End Development**: HTML, CSS(+Bootstrap), JavaScript, TypeScript, Angular.
- **Databases & ORM**: MySQL, Postgres, Oracle, Hibernate, Eloquent
- **DevOps & Cloud**: Docker, JIB plugin, AWS, Jenkins (Beginner), Kubernetes (Beginner).
- **Version control**: Git, SVN
- **Web services**: Rest API
- **AI / ML / DL**: Deeplearning4j

PERSONAL PROJECTS

Microservice E-commerce App — *Demoing microservice architecture in spring ecosystem with simple e-commerce store application using spring cloud, deployed on Kubernetes and AWS. The goal is to showcase the benefits and capabilities of this type of architecture in a real-world scenario.*
- **Technologies:** Spring frameworks (spring boot, spring cloud, spring gateway, spring data JPA), eureka-server-discovery, sleuth-zipkin, open-fiegn-client, amqp (messaging), rabbitmq, docker, jib plugin, Kubernetes, AWS (EKS, RDS, SES), Git/GitHub, Git Actions, Postgres, PgAdmin4.
- **Open sourced on GitHub:** https://github.com/miliariadnane/demo-microservices
- **Advanced part on GitHub:** https://github.com/miliariadnane/advanced-microservices

Collaborative web application — *Tasks Planner is a minimalist collaborative app for scheduling and managing tasks with the team and getting notifications through discord.*
- **Technologies:** Spring frameworks (spring boot, data JPA, security & JWT), docker, jib plugin, Junit5, Mockito, Angular 12, Bootstrap 4, Git Actions, AWS (elastic beanstalk, RDS, S3 bucket), Git, Postgres.
- **Open-sourced on GitHub:** https://github.com/miliariadnane/tasks-planner-app

Distributed application project — *A web platform for managing and organizing event details*
- **Technologies:** Spring Boot, Spring Data, Spring Security, Angular 11, Bootstrap, APIs documentation with swagger, Git, DialogFlow (ChatBot), Database MySQL.

Web application project — *Design and develop a web application for managing medical facilities such as hospitals and clinics. The application handles various functions including appointment scheduling, patient records management, and billing.*
- **Technologies:** PHP (+Laravel6), JavaScript(+jQuery/Ajax), HTML, CSS3(+BootStrap), Git, MySQL.

Tutored project — *Design and implement a desktop application to manage university tuition*
- **Technologies:** Java, JavaFX, scene builder, MySQL.

EDUCATION

Private University of Marrakesh - UPM | Marrakesh, Morocco   *2018 - 2021*
Software Engineer in Information and Communication Technologies and Embedded Systems (ICT&ES)

Private University of Marrakesh - UPM | Marrakesh, Morocco   *2016 - 2018*
Scientific preparatory classes

Maarakat Boudnib High School | Boudnib, Morocco   *2015 - 2016*
Baccalaureate in physical sciences

LANGUAGES

English, Arabic & French