



# KAMAL BOUHFID

ING É NIEURD      BENEFITS  
DEVELOPPEMENT JAVA /  
ANGULAR

My greatest strength is perseverance: never  
give up!

Open to opportunities

## SKILLS

- Development in Java 8 / 11+ - Angular 2+
- Conception technique et impact architecture
- Analysis and challenge of needs
- User research
- Developer training
- Technology watch
- Continuous integration with Maven/Jenkins

**Stack Logicielle :** Java 8/11/+, JEE, Spring Boot, Angular, Swagger, Typescript, Nebular UI, Maven, Jenkins, Vaadin, Sonar, Git, Tomcat, Hibernate, JPA, REST, Hibernate, JPA, Jhipster, Liquibase, Micro Services, JUnit, clean code, TDD, BDD Mockito, IntelliJ, Kafka, Elasticsearch, Linux, Docker, ...

## CONTACT INFORMATION

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Bouhfid

## PROFESSIONAL EXPERIENCE

### FULLSTACK JAVA/ANGULAR DEVELOPER

**Agirc-arrco | February 2022 - Today**  
Orleans, France

- **Project:** Development of new developments for the DSN brick (Nominal social declaration) at the ISD of the agirc-arrco, the purpose of calculating the pensions and guarantees of member customers.  
This project is linked with several sub-projects, in particular the creation/maintenance of batches, the redesign of the HMI part, and the optimization of data in the different environments (development / qualification / business recipe / production).
- Participation in the implementation of the new optimization architecture.
- Do the code review and the development in Angular 8 the evolutions on the HMI - Development and maintenance in Spring batch the needs of the customer at the level of the batch processing requests.
- The improvement of Spring LDAP authentication web services and session management, tokens depending on the environments and business profiles.
- Implement the TDD (Test Driven Development), BDD (Behaviour Driven Programming) approach in all future developments.
- Development and implementation of Backend-Frontend unit tests.
- Manage the build/tag and the deployment of the versions from the Dev environment towards the functional qualification.

**Environnement Technique :** Java 8, Spring Boot, Spring Batch, Microservices, Eclipse, Jboss, PostgreSQL, Hibernate, JPA, Maven, Angular 8, Material UI, JUnit, BDD, TDD, Gherkin / Cucumber, Git, Svn, Jenkins.

### JAVA/ANGULAR RESEARCH AND DEVELOPMENT ENGINEER

**Simplon x OCP | November 2020 - February 2022**  
Safi-Marrakech, Maroc

- Development in Java 8/11, and Typescript.
- Training of developers and scoping and design of projects.
- Accompaniment of a development team and monitoring the quality of deliverables.
- Analysis and resolution of technical problems (Development, Production, ...)
- Deployment of web solutions, APIs and deployment automation.
- Technology watch / Documentation.

**Environnement Technique :** Java 11, Spring Boot, Angular 11, Typescript, Jenkins, Tomcat, Docker, Git, Hibernate, JPA, IntelliJ.

### FULLSTACK JAVA/ANGULAR DEVELOPER

**BNP Paribas(BMCI) x Mercure IT | January 2020 - November 2020**

Casablanca, Morocco

- **Project:** Development of the solution (AML Bridge) on behalf of the BDSI in order to make declarations to the Financial Intelligence Processing Unit (UTRF), collection of data from declarations of unusual transactions (DTI), declarations of suspicious transactions (DOS), and convert them into XML format.
  - Technical design and architectural impact of the project.
  - Development in Java 11 / Spring boot, and Angular / JHipster.
  - Choice of architecture and technologies.
  - Creation of API at the Backend level and the web application at the Frontend level.
- Technical Environment:** Java 11, Spring Boot, Hibernate, REST API, JPA, Lombok, Maven, Liquibase, Jhipster, Angular 11, Nebular UI, PostgreSQL, JUnit, Git, Jenkins.

## JAVA/JEE RESEARCH AND DEVELOPMENT ENGINEER

**Societe Generale x Eqdom - Mercure IT | January 2018 - January 2020**

Casablanca, Morocco

- **Project:** Development of the solution (Spotlight) within the DSI-Solutions for the purpose of calculating/managing COREP/CMDR risks, following a process of three parts: the initial configuration, the loading of data using Jobs, exporting EDI / XBRL files, and communicating them with Bank Al Maghrib (BAM).

- Choice of project architecture and Macro design.
- Needs analysis and participation in the SPEC benchmark.
- Development of the API in Spring boot, and the web application with Angular.
- Integration of Talend Jobs, and the creation of loading algos.
- Communication with the client and deployment of demos.
- Maintenance and evolution of the technical base.

**Environnement Technique :** Java 8, Spring Boot, Spring DATA, Web service, JPA, JUnit, Micro-services, Angular 9, Elasticsearch, (TDD, BDD...), Telerik/ Kendo UI, SQL Server.

- **Project:** Participation in the development of the credit application (Sogeconso) within the Eqdom subsidiary, the solution has functionalities to simulate Conso/Immo credits, create and process customer files, the solution communicates directly with the CBS (old config: 4gl, Informix base...) via internal buses.

- Participation in the development of the second version of the application.
- Redesign of the authentication service through a link with LDAP.
- Ensure the maintenance and evolution of the client.

**Environnement Technique :** Java 8, JSP, EJB, Vaadin UI, GWT, FileZilla, SQL Server, PostgreSQL, 4gl Informix.

## ACADEMIC BACKGROUND

### Computer engineering and decision-making systems | 2019

**NATIONAL SCHOOL OF APPLIED SCIENCES (ENSA)**

Berrechid, Maroc

### Computer Engineering | 2018

**HIGHER SCHOOL OF TECHNOLOGIES (EST)**

Safi, Maroc

### Baccalaureate in Mathematical Science B | 2015

**LYCÉE CHARIF AL-IDRISSI**

Safi, Maroc

## STAGE ET CERTIFICATIONS

**Certificat We ACT: Projet Smart School | ENSA Berrechid 2019**

**French training certificate for employment | French Institute Casablanca 2018**

**Internship at Ministry of Equipment Transport, Logistics and Water | Rabat 2019**

BI Data Analysis and Reporting

**Internship at Province | Safi 2017**

Java JEE Developer

**Certificat Formation IBM Watson Day | ENSA Berrechid 2019**

**Programming Competition Certificate Code IT | EHTP Casablanca 2018**

**Internship at UPSYS | Technopark, Casablanca 2018**

Java / FX Developer

**Internship at ENGIE (cofely) | Casablanca 2016**

Java Swing / FX Developer

## LANGUAGES

- French: bilingual
- Professional English
- Arabic: bilingual