

# Oussama BEN MAHMOUD

## Fullstack Engineer

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### BIO

I'm an enthusiastic Full-Stack Software Engineer with 10 years of work experience. My career, enhanced by a few internships and freelance jobs when I was student, helped me to adapt to the changes quickly and made me a team player.

Currently, seeking consulting roles requiring broad technical background and strengths, and where experience with learned skills will be further developed and utilized.

**Specialties:** Java, Spring, Angular, React, Cloud Computing

### Work Experience

Fullstack Software Engineer 2018-10 - Present

Axione - bouygues energies et services

Working on a web application to automate the exchange of information between the different actors of the FTTH network: ensure the migration and development of the frontend part of Angular JS to Angular. Contribute to the development of new functionalities (search, filter, metrics, etc.). Refactoring / reorganization of the backend part and improved performance and response time of web services and persistence using Spring.

#### Stack:

JAVA, SPRING BOOT, HIBERNATE, SQL, LIQUIBASE, DOCKER, ANGULAR, TYPESCRIPT, JAVASCRIPT, HTML, CSS, MAVEN, SONARQUBE, GIT, GITLAB

Technical Lead / Project Manager 2014-12 - 2018-08

Sopra HR Software

I worked on HR Information System for 4 years. I participated in the prototyping and industrialization phases : I contributed on design and development of frontend and backend components of the new HR Information System. During this experience, I occupied several positions:

As a Manager

- Motivate, monitor team performance and take action for a continuous improvement
- Provide coaching and technical skills development

As a Tech Lead

- Prepare US and backlog of each Sprint with the PO and SM
- Lead the design and development of technical component / UI PoCs HR functionalities frontend
- Carry out code reviews, ensure better quality with SonarQube
- Ensure the release and deployment with the DevOps team
- Work daily with the architect and Tech leads

As a software engineer

- Develop a grid system to have a widgetized application
- Developed the basic Widget component and its archetype
- Development of JavaScript modules and web services

#### Stack

JAVA, OSGI, ANGULAR, TYPESCRIPT, REACT, REDUX, ELECTRON, EXPRESSJS, NODEJS, JAVASCRIPT, REQUIREJS, HTML, CSS, MAVEN, GRUNT, SONARQUBE, SVN, GIT, SONARQUBE API, IBM CLOUDANT, FISHEYE API

### Skills

#### Programming

Java, Kotlin, Javascript, Typescript, CSS, LESS, SCSS

#### Frameworks, APIs, SDK

Angular, React, Redux, JSX, NodeJS, NPM, RequireJS, Electron, Express, Ionic, Grunt, Gulp, Bower, Webpack, Spring, Spring Boot, Spring Security, Hibernate, OSGi, JAX-RS, SonarQube API, FishEye API

#### SGBDs

Oracle, H2, MySQL, Postgres

#### Web Servers

JBoss, Tomcat Apache, Apache Karaf

#### Tools

Atlassian JIRA, Bitbucket, Confluence, Gitlab,

#### Apps

Intellij, Brackets, Atom, Sublime Text, VSCode

#### VCS

Git, SVN

#### DevOps

Jenkins, Bamboo, Docker, Kubernetes, Amazon AWS, Oracle Cloud

#### Test / Clean Code

SonarQube, Junit, Mockito, SonarLint, JSLint, Jest, Karma, YellowLabTools

### Certifications

OCP Java SE 6 Programmer  
OCI Certified Foundations  
OCI Certified Architect Associate

### Hobbies

Video games, movies, cooking, reading, capturing happy memories

### Strengths

Collaboration, leadership, delegation, quick Learning, reliable

### Languages

Français, Anglais

### Others

Software Engineer 2014-01 - 2014-11 2020 - Technical Author - Baeldung

### Softprecision

Developed a responsive application that gives users the possibility buy their groceries online and have them delivered to them as Click & Go. I did everything from concept to design and HTML / CSS integration. The backend was a RESTful API built using RESTful web services, Spring Boot, Spring Data and Spring Security to maintain secure access to the backend. Experience with Amazon CLI, EC2, S3, CloudFront.

#### Stack

JAVA, SPRING, SPRING BOOT, AMAZON AWS, HIBERNATE, ANGULARJS, HTML, LESS, BOOTSTRAP, GRUNT, BOWER, NEW RELIC, SWAGGER

RIADI Research Laboratory 2013-07 - 2013-10

### Java Developer

Implemented an extraction module for answers based on ontology. Developed a swing application for the UI.

#### Stack

JAVA, SPRING, HIBERNATE, SWING, JENA, MXGRAPH, LEMUR/INDRI

Atelier216 2011-10 - 2011-12

### Flex Developer

Collaborated on the development of a 2d game.

#### Stack

FLASH BUILDER, FLEX SDK, ACTIONSCRIPT

PlaygroundState 2011-07 - 2011-12

### Game Programmer

Contributed to the development of a 3d video game. Designed and Developed HUD elements.

#### Stack

UNREAL ENGINE, UNREAL SCRIPT, SCALEFORM, ACTIONSCRIPT

CGS 2011-01 - 2011-07

### Game Developer

Designed and developed the UI elements for a 3d game. Prepared the game level with 3D resources. Implemented new components for the rendering engine.

#### Stack

UNREAL ENGINE, UNREAL SCRIPT, SCALEFORM, ACTIONSCRIPT. 3DS MAX

Chipsconcept 2009-07 - 2010-09

### Web Developer

Developed, maintained, and redesigned websites.

#### Stack

HTML, CSS, JAVASCRIPT, PHP, WORDPRESS

## Education

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Engineer's degree in Software Engineering 2011 - 2014

### The Higher Institute of Arts

#### Relevant Coursework

Java programming, J2EE development (Hibernate, Spring, Servlets), Database, Frontend development (angularjs, html, css, javascript)

Bachelor's degree in Computer Science

2008 - 2011

The Higher Institute of Arts

**Relevant Coursework**

Algorithmic, Designing Website, Web development (HTML, JS, CSS, PHP)