

# Zouhair Mkassmi

## Backend Developer

 [zouhair.mkassmil@gmail.com](mailto:zouhair.mkassmil@gmail.com)  [@ZMkasmi](https://twitter.com/ZMkasmi)  
 [@zouhairmkassmi](https://www.linkedin.com/in/zouhairmkassmi)  [@zouhairBear](https://github.com/zouhairBear)



## Experience

March 2022 until today

### **Docapost-Mygreffe**

A mission for redesign of two web application in the field of justice.

It's backend is developed with Spring Boot and Jboss. It has more than 6 Maven modules

Feign Client. The modules were as independent from each other.

February 2022

### **Dotter-Téléréhapp**

An application designed for the **health sector**, its back-end developed with Java Spring Boot.

Design and generation of entities, services and endpoints for the mobile application / Back-office

Supervision / code review for part of the endpoints

Twilio integration for video conferencing

Implementing CI/CD on GitHub

January 2022

### **Yathiq**

An **online contractors platform** that allows you to find the best contractor based on your specific search requirements ( name, keywords, category, ...). You can ask for quotes easily and get the best recommendations to suit your needs.

The client **did not want to use an external Provider for the search aspect** of the project, even though there are many different types of **filtering criteria and there is a ranking of the lists** to be set based on the search criteria. Instead, the client wanted us **to use an SQL query to perform this action**. This was a **big challenge**, but we managed to **overcome it and find a solution** that respected the client's wishes.

It was developed with React and **Spring Boot**.

The projet was generated with **JHipster** and we use

**Liquibase for database migration**.

December 2021

### **Yathiq**

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It was developed with React and **Spring Boot**.

The projet was generated with **JHipster** and we use

**Liquibase for database migration**.

## Languages

**French, English,Arabic**

## Skills

**Java 8 +,**  
**Spring Boot,**  
**Jboss,**  
**Kotlin,**  
**Laravel,**  
**Javascript,**  
**NodeJS,**  
**NestJs,**  
**Maven,**  
**Gradle,**  
**Keycloak**  
**Gitlab CI/CD,**  
**Docker,**  
**Kubernetes,**  
**Mysql,Postgresql,**  
**Liquibase,**  
**React,**  
**Angular**

AVENUE HABIB  
BOURGUIBA  
SOMMAA  
8023 NABEUL  
Tunisie

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## Experience

November 2021

### **MyGreffé-Keycloak**

Implementation of a **specific authentication module** that is **integrated with a Keycloak server**.

This plugin **call an external API to perform an authentication**. After **successful authentication**, the users are **authenticated to Keycloak also**, which allow them to access other applications that use **Keycloak as a User Management application**.

This plugin was developed with **Jboss**.

July - October 2021

### **Eradah**

An **online banking platform** developed with **Spring Boot** containing more than **10 Maven modules working with a Feign Client** calling a **global banking system** and other **APIs**. The modules were as independent from each other as possible, working with interfaces, and most of them were using a **Workflow Manager (Camunda)**.

The code was **Quality-Gate tested by Sonar Cloud** with an **80% coverage rate**.

Feb - June 2021

### **Cleyrop**

A **devops projet**, we deployed **multiple applications (Keycloak, Grafana, Minio, Saagie , RStdvio ....)** on a **Kubernetes (k8s) cluster**. We have use **Keycloak as User Management app** and **added the SSO** to the rest of the apps

January 2021

### **KoalaME**

An **accounting tool for freelance service providers** to help them manage their finances. Developed with **Angular and Spring Boot**.

The projet was generated with **Jhipster** and we use **Liquibase for database migration**.

Dec. 2020

### **Kynaps**

A **DevOps project**. We deployed the **Saagie application** on a **Kubernetes(k8s) cluster**.

November 2020

### **Septime**

An **application for a driving school** developed with **Laravel**. Worked on the integration of the **YouSign API** to manage **Sigining Electronic Documents**.

Sep. 2020 - Oct. 2020

### **Menrad**

A **web app intended towards opticians** to help them **manage sales, orders and products**. Developed with **Angular and Spring Boot**.

The projet was generated with **Jhipster** and we use **Liquibase for database migration**.

July 2020 - Aug 2020

### **Saagie**

Developed a **Plugin to manage Jobs and Pipelines imports and exports from one project to another** on the **Saagie platform**. To create the plugin, we have created an **Gradle** project and used **Kotlin** as programming language

## Languages

**French, English,Arabic**

## Skills

**Java 8 +,**  
**Spring Boot,**  
**Jboss,**  
**Kotlin,**  
**Laravel,**  
**Javascript,**  
**NodeJS,**  
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## Experience

May 2020 - June. 2020

### Eradah

An online banking platform developed with **Spring Boot** containing more than 10 Maven modules working with a Feign Client calling a global banking system and other APIs. The modules were as independent from each other as possible, working with interfaces, and most of them were using a Workflow Manager (Camunda). The code was Quality-Gate tested by Sonar Cloud with an 80% coverage rate.

## Languages

French, English, Arabic

Mar.. 2020 - Apr. 2020

### Graneet

An application developed with React and NestJS for construction sites management, targeted towards their supervisors.

Feb. 2020-Mar.. 2020

### WalkUnited

A step counting mobile app that allows users to make donations. It's developed with React Native, React and Spring Boot. The backoffice of the project was generated with Jhipster and we use Liquibase for database migration.

NOV. 2019- Jan. 2020

### Yoome

A mobile app for ordering beverages in bars and chatting between users. It's developed with React, React Native and Spring Boot. The backoffice of the project was generated with Jhipster and we use Liquibase for database migration.

## Skills

Java 8 +,  
Spring Boot,  
Jboss,  
Kotlin,  
Laravel,  
Javascript,  
NodeJS,  
NestJs,  
Maven,  
Gradle,  
Keycloak  
Gitlab CI/CD,  
Docker,  
Kubernetes,  
Mysql,Postgresql,  
Liquibase,  
React,  
Angular



## Education

2016- 2019 **Degreed as computer science engineer**  
Engineering school of Sfax,Sfax, Tunisia

2014 -2016 **Preparatory Institute for Engineering Studies**  
Nabeul,Tunisia

2013 - 2014 **Preparatory Institute for Engineering Studies**  
Kirwen,Tunisia

2009 - 2013 **Mathematics Baccalaureate (Higher School Certificate)**  
Beni khiar High school, Nabeul ,Tunisia

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