



# MENDES DOS SANTOS

## Alexandre

Fullstack Software Developer

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## Skills & Qualifications

- ✓ 5 Years experience with front & backend development
- ✓ Extensive knowledge in API & Database Design
- ✓ Experienced developer in banking & telecommunication industries
- ✓ Swiss based

## Tech stack

Java, Spring boot, Quarkus, Spring security, Hibernate

Docker, Kubernetes, Apache Kafka, Keycloak, Firebase

Javascript, Typescript, Angular, React, Next.js

Postgres, MySQL, OracleSQL

## Work History

🇨🇭 Capgemini - Switzerland

2021 - 2023

## Wealth Management and banking services

- API developement : Java, Spring boot
- Front-end developement : Angular
- Agile Scrum

Participation in the development and migration of a Cobol banking application to more modern technologies (Java, Spring boot, Angular...) within a team of about twenty consultants. A lot of REST service development and sensitive code refactoring, Cobol and Java interfacing. Transition of the project to a more agile model, organization of some agile ceremonies.

## **Groupe Créative - Rennes**

2020

### Human resources management app

- API developement : Java, Sprint boot
- Authentification & Authorization : Spring security, keycloak
- Data model design

Join a project in development of 5 engineers. This project was about a human resources management application (registration, search, classification of employees' skills and experiences). My mission was mainly to implement an authentication & authorization mechanism and to participate in the development of web services. I used keycloak for the security part and a spring stack for the second part. End users can now connect to the application using the group IDs stored in the LDAP database and search for users in this database (Active directory).

## **Groupe Créative - Rennes**

2020

### Social app for interns

- Complete migration from Jhispter
- API developement : Java, Quarkus
- Authentification & Authorization : Quarkus, keycloak, LDAP (Active Directory)
- Docker

Mobile application to help employees meet after work. The mobile application

was in Ionic and I was working for the back-end supporting this application, both developed by 5 engineers. After a consensus was reached with the engineers and the client, I was in charge of a complete migration / redesign of the back-end and the addition of SSO group authentication with keycloak and active directory. From a JHipster stack to a new framework, Quarkus.

## **Capegmini - Rennes**

2018-2019

Webservices for telecom operator

- API developement : Java, Quarkus
- Technical specifications writing
- Cache performance monitoring : JMX
- Docker

Join a  $\approx 25$  person team to help a large TV related project for Orange as a Java developer. Already established project, transitioning from V model to Agile Scrum. Developing new web services, maintaining existing services, writing specifications and tests (unit and functional tests).

## Degrees

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 2018 - Master Degree computer science - Rennes university

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 2016 - Bachelor Degree computer science - Poitiers university

## About me

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 Amateur photographer

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 Powerlifter (S220/B175/D270)