

# Abdellatif RAFIK

IT DEVELOPER & ENGINEER · BACKEND · DEVOPS · JAVA

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*"A goal without a plan is just a wish."*

## Summary

Current IT Developer & Engineer at Crédit Agricole Technologies et Services. As an experienced IT professional with over 7+ years in the industry, I specialize in Java and back-end development. My career focuses on crafting robust, scalable, and efficient software that enhances business success and user experience. I specialize in designing and implementing complex back-end systems, ensuring smooth front-end integration, performance optimization, and I have successfully led projects from conception to deployment.

In addition to my technical skills, I am a proactive problem solver and a collaborative team player. I thrive in dynamic environments where I can leverage my analytical thinking and creativity to tackle complex challenges. My passion for continuous learning drives me to stay updated with the latest industry trends and advancements.

## Skills

<b>Architecture</b>	Hexagonal Architecture & DDD, Microservice Architecture pattern, Event-driven architecture.
<b>Back-end</b>	JAVA, Spring Boot, Maven, REST API, GraphQL, SOAP, Kafka, JMS, Spring Security, Google Cloud Pub/Sub.
<b>Front-end</b>	Angular, React, NextJS, HTML5, CSS
<b>Database</b>	SQL Server, Oracle, MariaDB, Redis, MongoDB, Elasticsearch
<b>Methodologies</b>	Scrum or Kanban, Suite Atlassian (Jira, Confluence, Bitbucket)
<b>DevOps</b>	Git, Jenkins, Sonar, Vault, Nexus, Grafana, Docker, AWS, Keycloak.
<b>Tools</b>	IDE : IntelliJ & VSCode, Postman, ETL Talend
<b>Languages</b>	Arabic, French, English

## Experience

### Crédit Agricole Technologies & Services

Annecy-le-Vieux,

Auvergne-Rhône-Alpes, France

Sep 2024 - Present

LEAD DEVELOPER BACK-END | JAVA & DEVOPS | FREELANCE | HYBRID.

- Part of the Instant Payment team of the "Tribu Echange et Flux" within Crédit Agricole Technologies et Services.
- Redesign of the bank's main instant payment engine using micro services to be deployed as docker images in Kubernetes environment.
- I have set up the project structure in hexagonal architecture with a Domain Driven Design approach using Spring Boot 3, Java 21 and Docker.
- I have set up a use case factory pattern design to configure the backend following the client request.
- Implementing the CATS home made solution to secure the internal APIs with a generated token, and also use a rate limiter by role.
- Technologies : Java 21, Spring, SpringBoot, Hibernate, Junit, Mockito, Maven, REST API, Kafka, Redis, RabbitMQ, API first approach.
- Tools : IntelliJ Idea, GitLab CI/CD, Sonar, Vault, Docker, ArgoCD, K8s, Helm.
- Methodologies : Scrum, Suite Atlassian (Jira, Confluence)

### ECHOES

La Crau, Provence-Alpes-Côte

d'Azur, France

Feb 2023 - Aug 2024

EXPERIENCED BACK-END DEVELOPER | JAVA & DEVOPS | FULL REMOTE.

- Echoes (European leader in connected vehicle data). Part of a team of 5 java back-end developers.
- Involved in the migration of the monolithic back-end application to a microservices-oriented architecture.
- Hexagonal architecture projects (with a Domain Driven Design approach) with Spring Boot, designed to be deployed in the AWS cloud.
- Development of new REST API entry points following the API First approach.
- Integration of Kafka messages into applications.
- Technical analysis and design of new functionalities or applications "From Scratch".
- Implementation of a spring security server to secure the external API with JWT.
- Technologies : Java 21, Spring, SpringBoot, Hibernate, Junit, Mockito, Maven, REST API, Kafka, Redis.
- Tools : IntelliJ Idea, Git, Sonar, Jenkins, Vault, Nexus, Grafana, Docker, AWS.
- Methodologies : Kanban, Suite Atlassian (Jira, Confluence, Bitbucket)

## Lombard Odier Group

BACK-END DEVELOPER | JAVA | NEARSHORE - FULL REMOTE.

Geneva, Switzerland.

Oct. 2019 - Jan. 2023

- Worked on various applications allowing to manage the different cash flows of the bank and its partners (Bordier, Quintet, BCGE, SYZ group), in a team of 4 Java/Angular developers, 2 Delphi developers, 4 Business Analysts and a Product Owner.
- Development "from scratch" (backend essentially) of scalable applications related to Cash in an Agile context while respecting the quality of the code.
- Development of new entry points REST API, GraphQL.
- Integration of interbank messages (SEPA, SWIFT, Target ...) in JMS
- Technical analysis and costing of new features or applications "From Scratch"
- Improvement of the quality of existing code, increasing the coverage of unit tests (SONAR)
- Participation in the development of web-applications for internal use for the bank's teams in Angular 6 and 8
- Technologies : Java 8, 11, J2EE, SpringBoot, Hibernate, Junit, Mockito, Maven, REST, EJB over HTTP, JMS, GraphQL, Angular 6, 8.  
Tools : IntelliJ Idea, Git, SVN, Sonar, PL/SQL Developer, Serena Deployment Automation, Postman.  
Methodologies : Agilité SCRUM, JIRA, Confluence, Bitbucket.

## Positive Thinking Company

BACK-END DEVELOPER | JAVA.

Le Bourget du Lac, France

Oct. 2019 - Jan. 2023

- IT Service Company, On assignment at Lombard Odier Group

## GEODIS

IT DEVELOPER | APPRENTICESHIP

Méry, France

Sep. 2018 - Sep 2019

- Attached to GEODIS at ASSC (Application Shared Service Center in Méry, France) as an IT developer under a professional training contract. Technical reference: Talend ETL, Java.

IT DEVELOPER | INTERNSHIP

May 2018-Aug. 2018

- As part of my internship, my main task was to set up a solution enabling the company to self-audit all Cognos BI user licenses and authorizations.

# Education

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## University Savoie Mont Blanc, Chambéry, France

Le Bourget Du Lac, France

MASTER DEGREE IN COMPUTER SCIENCE AND ENGINEERING

Sep. 2017 - Aug. 2019

- Acquire knowledge and develop high-level skills in general computing for engineering professions.
- Software engineering (software systems design, software architectures and quality), interaction models (parallelism, distributed applications and systems, service-oriented architectures).
- The foundations of computer science (algorithms, formal methods, generic programming) and Artificial Intelligence (machine learning, data mining, semantic web).

## University Savoie Mont Blanc, Chambéry, France

Le Bourget Du Lac, France

BACHELOR IN SCIENCE AND ENGINEERING

Sep. 2014 - Jun. 2017

- Master the core fundamentals of computer science
- Implement scientific, technical, and practical knowledge and skills
- Participate in the design and implementation of software applications using rational work methods similar to those used in the industry
- Evaluate an IT solution
- Work in a team
- Be able to adapt to a constantly evolving technological environment

## IUT de Chambéry, France

Le Bourget Du Lac, France

TWO-YEAR UNIVERSITY DEGREE IN TECHNOLOGY, SCIENCE AND MATERIALS ENGINEERING

Mar. 2011 - Aug. 2014

## Abou El Abass Sebti High School

Marrakech, Morocco

HIGH-SCHOOL DIPLOMA IN SCIENCE AND MATHEMATICS

Sep. 2010 - Jun. 2011

- Engineering Science option