

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

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

Experience

Crédit Agricole Technologies & Services

Annecy-le-Vieux,

Auvergne-Rhône-Alpes, France

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

Sep 2024 - Present

- 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

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

Feb 2023 - Aug 2024

- 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

Geneva, Switzerland.

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

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

Le Bourget du Lac, France

BACK-END DEVELOPER | JAVA.

Oct. 2019 - Jan. 2023

- IT Service Company, On assignment at Lombard Odier Group

GEODIS

Méry, France

IT DEVELOPER | APPRENTICESHIP

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

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

About El Abass Sebti High School

Marrakech, Morocco

HIGH-SCHOOL DIPLOMA IN SCIENCE AND MATHEMATICS

Sep. 2010 - Jun. 2011

- Engineering Science option