El Mehdi **Rassid**

SOFTWARE DEVELOPMENT ENGINEER ·

Montreal Canada

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"Be the change that you want to see in the world."

Summary

Multi-disciplined and energetic software Engineer committed to delivering business results that leverage cutting-edge ideas and technology. Passionate about Software architecture, continuous innovation. Highly adept at building teams and driving results in complex and chaotic environments, with a history of delivery successes.

Work Experience

Kitco Metals Inc   *Montreal, Canada*

SENIOR SOFTWARE DEVELOPER / ARCHITECT   *Aug. 2020 - Mar. 2024*

- Design and develop a business critical Real time application that determines Bids and Asks prices and others prices and Markets indexes for different commodities, the system is responsible also to feed other systems with Market prices of different commodities and market exchange rates and Indexes.
- Design and develop a Phone Calls transcription and analysis pipeline using AI and AWS Serverless Architecture.
- Design and develop Behavioural Data Platform that captures how customers and prospects interact with our products and services in a granular details. AWS Cloud services, Serverless Architecture were used.
- Architect and develop custom implementation of The SurveyJS library Backend components.
- Architect and develop a front-end (UI + Authentication components) application to use the custom implementation of The SurveyJS Backend library components.
- Contribute to Software Architectures definition and proposal for different initiatives.
- Mentor junior developers and assist in hiring process and other aspects of organizational development.
- Develop high-level application designs and detailed roadmaps for projects implementation and delivery.
- Cloud architect for all cloud computing initiatives: adoption roadmaps, Estimations, and Design.
- Review other developer code, and provide feedbacks and develop team knowledge.
- Environments: Spring Boot , Java, Kotlin, Python, Node.js, Typescript, React, AWS serverless Services, Event driven Architecture, Cloud Native Application, AWS, GCP, kubernetes, Lambda, Snowplow,Terraform.

Desjardins Group.   *Montreal, Canada*

SENIOR CONSULTANT   *Dec. 2019 - Mar. 2020*

- Serve as technical leader in squads to ensure the squads delivery targets are met.
- Design high quality applications that are highly scalable and extensible.
- Partner with various business stakeholders and technology leaders to translate program requirements into technical solutions and system designs.
- Environment: Java 8,Spring Boot 2, RESTful API, Spring cloud Contract, Swagger, Pivotal Cloud Foundry, concourse CICD, Postman

Engie   *Paris, France*

SENIOR JAVA DEVELOPER   *Oct. 2018 - Sept. 2019*

- Write ENGIE Solution Design for Microservices.
- Perform Analysis, Design, Construction, Test, and Deployment.
- Write Design and perform Design Review.
- Write Backend Code using Java 8 and Spring Boot.
- Create and Test Docker Images of the developed Microservices.
- Create and test the new developed Microservices inside the Kubernetes Clusters.
- Environment: Java 8, Node.js, Spring Boot 2, RESTful API, Microservices, Kafka, OAuth 2.0, Spring Cloud, Docker, Mysql, JavaScript ES6, Node.js, React.js, Redux, Redux thunk, Redux-form, Semantic UI React, Jenkins, postgresql, Google Cloud Platform, Docker, Kubernetes.

Macys

Montreal, Canada

Senior Java Developer

May. 2013 - Jun. 2018

- Participate to Sprint Planning to have a general overview of the features/enhancements to be developed.
- Developing Backend components using Spring framework.
- Participate to Database design and writing SQL scripts to develop/enhance the applications
- Design and Write Unit Tests and Integration Tests for the developed Features.
- Participate to code Review.
- Monitor Code Quality using SonarQube.
- Help QA Team with the acceptance tests.
- Use CI/CD process in place to commit code and monitor the health of each build using Jenkins.
- Environment: Java 6, Spring 3.0, Hibernate, Maven , Apache Solr, Yahoo UI, JQuery, JUnit, Bootstrap, Jenkins, JIRA, Crucible and FishEye. Code quality managed with Sonar.

MasterCard.

Montreal, Canada

Java Developer

Oct. 2012 - May. 2013

- Understand User Specification Requirements Analysis.
- Design and implement the persistence layer using Spring framework.
- Develop the components of multiple services used by the GWT Widget.
- Design and Write Unit Tests and Integration Tests for the developed Features.
- Environment: Java 6, Google web toolkit, Spring 3.0, Hibernate, Maven, JUnit, Oracle.

Bank of Africa

Casablanca, Morocco

Software Developer

Jan. 2012 - Jun. 2012

- Coordination and technical leadership of BI projects.
- Data Governance and structure control of BI environments.
- Data Modeling: dimensional, conceptual, logical, physical and object oriented with UML.
- Analysis and development of ETL process in SQL Integration Services (SSIS).
- Using SQL Analysis Services (SSAS) as an Online Analytical Processing (OLAP) to build Datamarts.

Certifications and Licenses

The Open Group Certified: TOGAF® 9 Certified	Oct. 2020 - Present
Google Certified Professional - Cloud Architect	May. 2020 - May. 2022
AWS Certified Solutions Architect Associate	Jun. 2020 - Jun. 2023
Certified Blockchain Solution Architect	Jan. 2021 - Jan.2023
Certified Hyperledger Fabric Developer	Mar. 2021 - Mar. 2024
Google Certified - Cloud Machine learning engineer	Nov. 2023 - Nov 2025
Confluent Certified Developer for Apache Kafka	Oct. 2022 - Oct. 2024
Certified Kubernetes Application Developer	Mar. 2021 - Mar.2024
Certified SAFe® 5 Agilist	Sept. 2020 - Sept 2021
HashiCorp Certified: Terraform Associate	Nov. 2021 - Nov. 2023
FOCP: FinOps Certified Practitioner	May. 2023 - May.2026
IBM Enterprise Design Thinking Practitioner	Mar. 2022 - Present

Education

IMT- Mines Alès

Alès, France

M.Eng. Software Engineering

- Got Moroccan government Scholarship which is given to promising students.