

# 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

SOFTWARE DEVELOPER

Aug. 2020 - Mar. 2024

- Maintain and enhance the Backend Services Development platform Stack (Kotlin / Java, Grpc, Postgres).
- Design and develop business/Core critical applications (Kotlin programming language).
- 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 (Scala, Postgres, DynamoDB).
- Architect and develop custom implementation of The SurveyJS library Backend components (Typescript programming language).
- Architect and develop a front-end (UI + Authentication components) application to use the custom implementation of The SurveyJS Backend library components.
- Design and develop a Phone Calls transcription and analysis pipeline using AI and AWS Serverless Architecture.
- 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 infrastructure decisions for our cloud computing initiatives: adoption, road maps, Estimations, and Design.
- 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.

### CGI Group.

Montreal, Canada

SOFTWARE DEVELOPER

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

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.

JAVA DEVELOPER

- 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.

Montreal, Canada

Oct. 2012 - May. 2013

## Bank of Africa

SOFTWARE DEVELOPER

- 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.

Casablanca, Morocco

Jan. 2012 - Jun. 2012

## Certifications and Licenses

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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

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### IMT- Mines Alès

Alès, France

M.ENG. SOFTWARE ENGINEERING

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