El Mehdi Rassid

SENIOR FULL-STACK ENGINEER ·
Montreal Canada

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

Summary

Senior Full-Stack Engineer with 10+ years of experience building scalable, secure, and high-performance web platforms. I specialize in Java Spring Boot microservices, React/Next.js frontends, and cloud-native infrastructure (AWS, Kubernetes, DevOps pipelines).

I've led full product lifecycles — from idea to launch — for startups and enterprises, including founding and delivering two SaaS platforms. My strength lies in clean architecture, fast delivery, and business-aligned engineering.

Whether it's a greenfield MVP, system re-architecture, or cloud optimization, I bring deep technical expertise, an entrepreneurial mindset, and a get-it-done attitude.

Work Experience

Startup Founder. *Montreal, Canada*

FOUNDER / FULL-STACK DEVELOPER *May. 2024 - Present*

- Built and launched two full-stack platforms: a social dating website and an event management SaaS platform.
- Led end-to-end product development, architecture, DevOps, and business strategy.
- Owned product roadmap, conducted market research, and iterated based on analytics and user feedback.
- Optimize performance, ensuring system reliability, data security, and efficient database management.
- Oversaw operations, handling deployment pipelines, CI/CD, and scalability considerations for growing user bases.
- Collaborated with stakeholders, including early users, designers, and potential investors, to refine business models.

Kitco Metals Inc *Montreal, Canada*

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

- Design and develop business/Core critical applications (Spring Boot, Java, Websocket, kafka, kubernetes).
- Built data platforms for behavioral analytics using AWS (Lambda, RDS, DynamoDB, Serverless) - launched MVP in 4 weeks.
- Maintain and enhance the Microservices Backend Services Development platform Stack (Java and Kotlin, Functional Programming, Grpc and REST API, Redis, AWS RDS Postgres, AWS CDK, AWS ECS,…), Enhanced the release lifecycle from monthly release to bi-weekly release
- 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(nodejs, Typescript,…).
- Developed call transcription/analysis pipelines using AI and cloud-native solutions.
- Delivered a custom SurveyJS backend and UI platform (TypeScript, React, NextJS , Postgres, Kubernetes).
- Contributed to architecture proposals, led code reviews, mentored juniors, and supported hiring.

CGI Group. *Montreal, Canada*

SENIOR 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: Scaled agile Framework SAFE, Java, Spring Boot, RESTful API, Spring cloud Contract, Swagger, Pivotal Cloud Foundry, concourse CICD, Postman

SSense

Senior Software Engineer / Team Lead

Montreal, Canada

Jul. 2015 - Nov. 2019

- Designing and implementing microservices.
- Documenting application design, CI pipeline, Go-live steps.
- Developing web services Rest using Spring MVC Rest.
- Defining testing plan.
- Developing Unit Tests using Junit and Mockito.
- Developing messaging consumers/ producers and publishers/subscribers using AWS.
- Creating CI/CD pipeline using Travis, Docker and Kubernetes.
- Configuring New Relic for performance monitoring.
- Configuring Sentry for errors monitoring.
- Code review for peers and team support.
- Writing the application documentation in Confluence.
- Mentoring and coaching of team members.
- Filtering and assigning bugs.
- Contributing to Sprint grooming, and backlog refinements.
- Contributing to story mapping and User stories high level estimation.
- Leading java technical interviews.
- Estimating Sprint tasks.
- Member of career path task force.
- Member of career path task force.
- Environment: Java, Intelij Idea, Ammzon SQS, Amazon SNS, Spring Rest, Spring Data, Spring Core, Mockito, JUnit, PostgreSQL, SQL, Hibernate, GIT, github, JIRA, Jenkins/Travis, CheckStyle, Maven, Kubernetes, Docker, MS SQL..

Engie

Senior Software Developer

Paris, France

May. 2013 - Jun. 2015

- Perform Analysis, Design, Construction, Test, and Deployment.
- 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, Spring Boot 2, AWS EKS, 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

Senior Java Developer

Montreal, Canada

Oct. 2011 - May. 2013

- 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

Montreal, Canada

Jan. 2010 - Jun. 2011

- 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

Software Developer

Casablanca, Morocco

Jan. 2009 - Jun. 2010

- 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.