

# SAFOUENE GHARBI

Cloud Engineer | Full Stack Developer

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[Portfolio](#) | [Blog](#) | [LinkedIn](#) | [GitHub](#) | [4x AWS Certified](#) | [gharbi.safwen@hotmail.com](mailto:gharbi.safwen@hotmail.com) | +1(514)713-0322

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## SUMMARY

Passionate cloud engineer and full stack developer with solid experience in managing AWS environments and developing robust web applications. I've worked with cutting-edge technologies such as Java, Python, Spring Boot, Vue.js, Docker, and Terraform and have expertise in creating serverless solutions on AWS. My career path has enabled me to develop in-depth skills in automation, cost optimization and customer support. Motivated by complex problem-solving and innovation, I'm looking to continue leveraging my technical skills and leadership abilities in challenging projects.

## SKILLS

- **Langages:** Java, Python, Typescript, SQL, JavaScript, HTML/CSS
- **Frameworks:** Spring Boot, Flask, Angular, Vue.js, Node js, Junit
- **Tools:** AWS, Git, Github Actions, Team City, VS Code, IntelliJ, CDK, Terraform
- **Soft skills:** Communication, Teamwork, Continuous learning, Time management, Leadership

## PROFESSIONAL EXPERIENCE

### AWS Cloud Administrator

May 2023 - current

#### Hydro-Québec

- Reduced the time to onboard new customers by 90% by automating the creation of AWS accounts.
- Reduced infrastructure deployment time by developing an infrastructure as code library.
- Reduced the cost of EBS storage volumes by 20% by migrating them to newer storage classes.
- Set up a data ingestion and processing pipeline with S3 Glue and Redshift.
- Improved incident response time by 50% by implementing dashboards in CloudWatch and Log Analytics
- Automated report generation for logging indicators for EC2 and RDS instances.

### Full Stack Developer

May 2022 - Apr 2023

#### Onscope

- Developed an image similarity search application by combining a convolutional neural network with Facebook AI Similarity Search, introducing a new feature that speeds up searches by 80%.
- Increased the efficiency of internal processes by Creating two main applications using Java Spring Boot andVue.js.
- Implemented authentication and authorization with Spring Security, improving application security and reducing security incidents.

## EDUCATION

### Bachelor's degree in Computer Science and Software Engineering

Sep 2020 - Apr 2024

#### Université du Québec à Montréal

## PERSONAL PROJECTS

### Gharbidev Blog

- Blog dedicated to writing technical articles on AWS and cloud technologies.
- Developed from scratch with Vue.js for the frontend with Vuex as the state store.
- Implemented a Serverless architecture on AWS for the backend, using API Gateway with Lambda proxy integration, DynamoDB and S3.
- Created a custom newsletter system from scratch, enabling efficient subscriber management.
- Automated deployment with AWS CDK and Github Actions, ensuring a fast and reliable go-live.

## CERTIFICATION

- AWS Solutions Architect Associate
- AWS Developer Associate
- AWS AI Practitioner
- Hashicorp Terraform Associate