SAFOUENE GHARBI

Cloud Engineer | Full Stack Developer

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

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   *2023-2024*
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.
- Set up a data ingestion and processing pipeline with S3 Glue and Redshift.
- Improved incident response time by implementing dashboards in CloudWatch which reduced the number of stacksets in error by 50%.
- Automated report generation for logging indicators for EC2 and RDS instances.

Full Stack Developer   *2022-2023*
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   *2020-2024*
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