

MOISE AMANI

SOFTWARE ENGINEER

CONTACT

[linkedin.com/in/moise-amani](https://www.linkedin.com/in/moise-amani) 

moise.amani@gmail.com 

Ottawa, Canada 

www.moiseamani.ca 

EDUCATION

Executive Master of
Management in
Hospitality (in progress)
Cornell University
Ithaca, NY — 2025

BASc,
Computer Engineering
University of Ottawa
Ottawa, ON — 2021

High School Diploma
Stanstead College
Stanstead, QC — 2015

CERTIFICATES

[AWS Certified Cloud
Practitioner](#)
Issued May 2023

[Machine Learning
\(Stanford University\)](#)
Issued July 2020

SUMMARY

Results-driven Backend Engineer with **6+ years** of experience designing and scaling backend systems, APIs, and databases. Skilled in building Java and Kotlin microservices with Spring Boot, implementing CI/CD pipelines, and leveraging AWS for secure, scalable solutions. Interested in AI, finance, technology and hospitality.

PROFESSIONAL EXPERIENCE

Backend Engineer | COMMONWEALTH RETIREMENT

Remote – Toronto, Canada | July 2022 – Present

- Developed and scaled a retirement platform with Java Spring Boot, Kotlin, and JavaScript microservices, scaling APIs for 15K+ users.
- Architected database schemas and executed SQL migration scripts.
- Leveraged Datadog and LogRocket to enhance monitoring and visibility, reducing MTTR on production issues.
- Implemented CI/CD pipelines with AWS CodeBuild, accelerating deployments and reducing release cycle times by 12%.

App Programmer | IMMIGRATION, REFUGEES AND CITIZENSHIP CANADA

Remote – Ottawa, Canada | Sept 2021 – July 2022

- Delivered SQL data extracts and supported projects using Azure DevOps.
- Mentored and evaluated 10+ junior ETL developers.

Programmer | CANADA BORDER SERVICES AGENCY

Ottawa, Canada | May 2020 – Sept 2021

- Supported and tested a Java EE postal web application.
- Developed a Java Swing desktop tool to test and validate error-classification messaging queues.

Software Quality Assurance Analyst | GLOBAL AFFAIRS CANADA

Gatineau, Canada | Jan 2019 – Aug 2019

- Developed Selenium automation test suites, reducing manual testing time by ~60%.
- Wrote and executed end-to-end test cases, identifying 50+ automatable processes to enhance QA efficiency.

SKILLS

Technical

Programming: Java, Kotlin, JavaScript, Python

Frontend: React, Material-UI

Backend: Spring Boot, Node.js, RESTful APIs

Cloud & DevOps: AWS (Lambda, S3, EC2), Docker

Database: PostgreSQL, MongoDB, SQL Optimization, Firebase

CI/CD & Tools: Git, Jenkins, AWS CodeBuild, Azure DevOps

Monitoring & Observability: Datadog, LogRocket

Testing: JUnit, Mockito, Cucumber, Selenium

Soft

Bilingual (French/English)

Strong communicator with experience in cross-functional collaboration

TECHNICAL PROJECTS

Labooboo

Private Bitbucket | <https://www.labooboo.net/labooobooapp> | April 2024 – Present

- Developed a full-stack short-term rental platform using Flutter for mobile front-end and Spring Boot for backend services.
- Architected and deployed AWS infrastructure (EC2, S3, RDS, Cognito) to support scalable and secure operations.
- Designed and implemented RESTful APIs enabling booking, payments, authentication, and listing management.
- Implemented secure authentication and authorization flows using OAuth2, JWT, and AWS Cognito, safeguarding user data and transactions.
- Ensured high code quality by writing automated tests with JUnit, Mockito, and Cucumber, achieving 90%+ coverage and robust end-to-end validation.