

# Hi, I'm MUCYO Christian

## Professional Summary

Backend Engineer with 4 years of experience developing using Spring Boot and NestJS. Proficient in building high-performance, secure applications and working effectively within agile teams. Demonstrated ability to deliver reliable solutions, adhere to best practices, and maintain high code quality standards.

PERSONAL DETAILS		LANGUAGES					
Position:	Back-end Engineer						
Gender:	Male						
First name:	MUCYO						
Last name:	Christian						
Nationality:	Rwandan						
Address:	Kigali - Kicukiro						
		Kinyarwanda	1	2	3	4	5
		English	1	2	3	4	5
		Français	1	2	3	4	5
1 being Bad and 5 being Fluent							

TECHNOLOGIES	
Backend	Java
	Kotlin
	Typescript
Backend Frameworks	Spring
	NestJs
Cloud providers	AWS
DevOPS	<ul style="list-style-type: none"><li>CI/CD pipelines set up with Gitlab pipelines, Github actions and AWS DevOPs</li><li>Working with containerization and orchestration technologies such as Docker and Kubernetes.</li><li>Using code version control systems like Github, Gitlab</li><li>Using AWS services such as EC2, S3, Amplify</li></ul>

## EDUCATION

## EXPERIENCE

## Awesomity Ltd

## Back-end engineer

## From

Feb 1, 2022

## To

Current

With Awesomity as a back-end engineer I worked on several projects interacting with technologies such as Spring boot, Nodejs, and Python with FastAPI.

## Projects:

- **Global climate Project**
  - Implemented base data management and sharing across multiple customers, while promoting the use of Hexagonal Architecture.
  - Participated in reviewing my team mate changes and having one on one sessions to unblock them.
- **Ox Delivers Project**
  - Developed a backend system using Kotlin and Spring to serve the dashboard and mobile app, enhancing user experience and functionality.
  - Optimized the performance of the truck reporting service using the JOOQ library to efficiently handle complex simultaneous operations.
  - Participated in sprint planning to ensure timely delivery and alignment with project goals.
- **NL-IX Project**
  - Used TypeORM with NestJs to optimize database interactions, ensuring efficient data retrieval and storage for large volumes of hardware data.
  - Implemented secure authentication and authorization mechanisms to ensure the protection of sensitive data and manage hardware configurations by only allowing authorized personnel.
  - Automated CI/CD workflow to improve deployment efficiency and reliability.
- **Harambe Project**
  - Fixed bugs and optimized database queries to improve system performance and stability.
  - Conducted unit testing to maintain code quality and functionality.
  - Integrated Grafana-Prometheus and Sentry to monitor the cloud environment and logs, promptly identifying and resolving issues.
- **Trustseal Project**
  - Developed the certificate granting functionality using NestJs and TypeScript to enhance the efficiency and accuracy of the certificate issuance process.
  - Conducted system architectural design documentation to provide clear

guidelines.

- Documented RESTful APIs to facilitate frontend development, streamlining communication and integration between backend and frontend teams.

## Cercling

### Back-end Developer (Freelancer)

- Developed the company onboarding process using NestJs and MongoDB
- Implemented a CI/CD pipeline using GitHub Actions to streamline microservice deployments to AWS instances.
- Configured Amazon S3 to serve static content to enhance performance and scalability.

## Executive Assist Africa

### Lead Back-End Engineer

- Developed the backend services for the Health-centa MS, resulting in the successful release of the MVP.
- Collaborated with the M-Pesa team to integrate their payment service into our platform.
- Performed code reviews for apprentice developers to ensure code quality and proper implementation of functionalities.

#### From

Sep 01, 2020

#### To

Nov 01, 2021

## Andela

### Software developer - Trainee

- Analyzed user requirements and designed system mockups to ensure the assigned tasks met the user's needs.
- Wrote integration tests and performed linting to improve the quality and reliability of the backend modules.

#### From

Feb 2, 2020

#### To

Jul 01, 2020

## Certifications

Andela Technical Leadership Program