Romaric Lonfonyuy

Backend Engineer, AI Builder & Cybersecurity-focused Developer · romaric.lonfonyuy@ashesi.edu.gh

SUMMARY

Backend Software Engineer, AI builder, and grassroots technology leader with 3+ years building and shipping production software across healthcare, education, and accessibility. Founder of Tech4Girls Cameroon, co-founder of Skaleway, Mastercard Foundation Scholar at Ashesi University.

EXPERIENCE

Software Engineer Intern (Backend)

nBogne · Nov / 2025 to May / 2026

- Integrated OpenMRS, OpenHIM, and DHIS2 in production-oriented environments.
- Engineered SMS/USSD medical data transport for offline and low-bandwidth sync.
- Collaborated on interoperability workflows for enterprise health systems.

Backend Software Engineer

Dewise Foundation · Sept / 2025 to Present

- Built APIs and dashboards for patients, doctors, hospital admins, and system admins.
- Supported three hospitals with appointments and patient-management workflows.
- Delivered role-based access and multi-hospital tenancy on a shared backend.

Backend Engineer

Brilydal · Jan / 2025 to Oct / 2025

- Shipped 100+ production API endpoints with testing and documentation.
- Worked in agile sprints with async collaboration across time zones.

EDUCATION

BSc Computer Science, Computer Science

Ashesi University · 2025 – Expected

Software Engineering Program, Software Engineering

Holberton School / ALX · 2023 – 2023

CERTIFICATIONS

Software Engineering with a Specialization in Backend Development — Holberton School of Engineering (Dec 2023)

JavaScript Algorithms and Data Structures — freeCodeCamp (Oct 2023)

Responsive Web Design — freeCodeCamp (Sept 2023)

Introduction to Python Programming — Innoventure (Jun 2023)

Developing, Mentoring & Supporting Youth Leadership — YALI Network (Sept 2022)

References available on request.