

Curriculum Vitae

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Professional Summary

Full-Stack Developer and Software Engineering student with strong expertise in **NestJS, Next.js, Spring Boot, and Prisma**. Skilled at building scalable backends, integrating secure payment systems, and designing AI-driven solutions. Recently completed an internship at **URUTI Hub**, where I migrated **Uscor Marketplace 2.0** to a new infrastructure, expanded multi-store B2B features, and prepared the roadmap for an **AI-powered Intelligent POS (I-POS)**. Passionate about **API integrations (GraphQL & REST), DevOps and Best Programming practices**, and delivering innovative platforms for SMEs across Africa.

Education

Adventist University of Central Africa (AUCA) – Kigali, Rwanda

B.Sc. in Information Technology (Software Engineering)

Expected Graduation: 2026

College Kambali Pie X – Butembo, DRC

Baccalauréat en Commerciale et Gestion (Informatique) – 2020

Professional Experience

URUTI Hub – Kigali, Rwanda

Software Developer Intern

June 2025 – August 2025

- ✓ Designed and implemented **backend architecture** of Uscor Marketplace using **NestJS, GraphQL, and Prisma ORM**.
- ✓ Migrated marketplace to a **new codebase and infrastructure**, ensuring scalability.
- ✓ Developed and enhanced **POS features**: in-store sales processing, shift management, receipt generation, and inventory synchronization.
- ✓ Implemented **role-based authentication & authorization** with JWT for Clients, Businesses, and Workers.
- ✓ Integrated **loyalty programs, KYC verification, and account recharge/payment modules**.
- ✓ Drafted the **AI-POS agent roadmap**, an AI-driven assistant capable of handling inventory lookup, dynamic pricing, and sales automation.
- ✓ Collaborated with a startup team, gaining exposure to real-world **agile workflows and professional software practices**.

Projects

- ✓ **K-Corp E-Learning Platform** – Next.js + Prisma learning platform with Stripe payments.
- ✓ **Uscor Marketplace 2.0** – Multi-store B2B e-commerce and POS system (NestJS, Next.js, Prisma, PostgreSQL).

- ✓ **Uscor Marketplace** – An e-commerce platform deployed on Railway, offering a seamless shopping experience with secure user authentication and payment processing
- ✓ **GalacTicket** – Ticketing solution using Spring Boot + React.
- ✓ **Mobile E-Learning App** – Flutter-based, offline SQLite, role-restricted.
- ✓ **AI-POS Roadmap (Internship)** – Designed blueprint for an AI-driven Intelligent POS system.
- ✓ **Hate Speech Recognition System** – Django + ML sentiment analysis.
- ✓ **Malaria Symptoms Detector** – ML-powered healthcare diagnostics.
- ✓ **Additional apps:** Travel Management System, Smart Home Energy System, AirBnB Clone.

Technical Skills

- ✓ **Languages:** Python, Java, TypeScript, JavaScript, .NET
- ✓ **Frontend:** Next.js, React, Tailwind CSS, Flutter
- ✓ **Backend:** NestJS, Node.js, Spring Boot, Django, Flask, Prisma
- ✓ **Databases:** PostgreSQL, MySQL, MongoDB, SQLite
- ✓ **DevOps & Tools:** Docker, Kubernetes, Git, CI/CD, Nginx, Apache, SSL
- ✓ **APIs:** REST, GraphQL, Payment Integrations, Google APIs

Certifications

- ✓ CISCO – Computer Networks (Net Academy)
- ✓ ALX Software Engineering Program (ALX Africa)
- ✓ DevOps Training (AUCA – Society Learning Platform)

References

Available upon request