

## SUMMARY

**Dynamic Full Stack Engineer** with comprehensive experience in Node.js, JavaScript, React, Java, Kotlin, and C. Demonstrated success in developing robust and scalable applications, with a proven track record of delivering high-quality software solutions at African Leadership University. Skilled in both frontend and backend development, capable of tackling complex technical challenges. Known for exceptional problem-solving abilities, adaptability, and a collaborative approach. Thrives in high-pressure environments and continuously seeks opportunities to drive innovation and efficiency.

## EDUCATIONAL BACKGROUND

### Bachelor's Degree in Software Engineering (Penultimate Year)

African Leadership University, Kigali, Rwanda.

(January 2023 – September 2026)

### Diploma in Software Engineering

ALX Africa

(June 2022 – August 2023)

## WORK EXPERIENCE

### DevOps Engineer Contract

(August 2024 - Date )

Lifeline Africa, Kigali Rwanda.

- Designed, implemented, and managed CI/CD pipelines to streamline development and deployment processes, reducing deployment time by 2%.
- Automated infrastructure provisioning using tools like Terraform and Ansible, ensuring consistency and scalability across multiple environments.
- Monitored system performance and optimised cloud-based environments (AWS/Azure/GCP) to improve uptime and response times.
- I Collaborated with development teams to improve the release process and integrate automated testing, resulting in more stable releases.
- Implemented containerization technologies like Docker and Kubernetes to enhance scalability and manageability of services.

#### Skills Acquired:

- CI/CD Pipeline Management
- Cloud Infrastructure Management (AWS/Azure/GCP)
- Docker, Kubernetes, Terraform, Ansible
- Monitoring and Performance Optimization

### Backend Java Intern Onsite

(August 2023 - May 2024 )

Invictus Security Interests Africa, Kigali Rwanda.

- Developed Internal Payment System: Collaborated with a team to design and implement a secure internal payment system for the foundation, allowing seamless partner transactions.
- Utilised Java and Cyclos Payment Gateway for back-end processing, Exo Platform for collaboration, Ofbiz for Enterprise Resource Management (ERP), and Java for backend development.

#### Skills Acquired:

- Backend Development with Java / Spring-Boot
- Hibernate
- Web-Services

**Project Code:** <https://github.com/Yahlife>

### Learning Experience Design Intern

(Nov 2023 - Jan 2024)

ALU, Kigali, Rwanda.

- Software Engineering Learning Experience Development: Assisted the manager in designing and implementing software engineering curricula tailored to enhance students' learning experiences.
- Virtual Internship System Development: Collaborated with the manager to develop a virtual internship platform to provide alternative internship opportunities for students unable to secure traditional internships. The platform facilitated remote project-based learning and mentorship.

Skills Acquired:

- Learning Experience Design and Curriculum Development
- Team Work
- Project Management and Collaboration
- Problem-Solving and Innovation in Educational Solutions

### Software Engineer / Remote

Farmtrics Technologies Ltd - Kigali Rwanda.

(Jun 2023- Aug 2023)

- Focused on creating user-friendly interfaces that enhance the efficiency and effectiveness of data analytics solutions.
- Assisted in developing systems that streamline and automate field operations for various clients. This included integrating advanced analytics tools to process and present data in a user-friendly manner.

Skills Acquired:

- React.js Development
- JavaScript Programming and Debugging
- Node.js / Express.js / MongoDB

**Project:** <https://www.farmtrics.com/>

### Software Engineer

MediXr - Kigali Rwanda.

(Jun 2023- Aug 2023)

- Landing Page Development: Led the startup's landing page development, creating a visually appealing and user-friendly interface that effectively communicated MediXr's mission of delivering medical education services through extended reality technology.
- Integration of Extended Reality Technology: Assisted in integrating extended reality (XR) components into the web platform, contributing to the creation of an immersive learning environment for medical education.

Skills Acquired:

- React.js Development
- Tailwind CSS for Responsive Design
- Python
- Frontend Development for Extended Reality (XR)
- Firebase

**Project:** <https://medixr.org/>

### Operation Intern

ALX AFRICA - Kigali, Rwanda.

(May 2023 - July 2023)

- Student Support and Engagement: Ensured that ALX students had a seamless and enriching learning experience at the physical hub by providing hands-on support. Addressed and resolved any issues students faced with the learning platform, enhancing their ability to focus on their studies without technical disruptions.

Skills Acquired:

- Student Support and Customer Service

- Learning Platform Troubleshooting
- Event Coordination and Management
- Communication and Interpersonal Skills
- Critical Thinking

#### INTERESTS

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- Artificial Intelligence
- Robotics
- Blockchain Technology
- Cybersecurity
- Cloud Computing
- Quantum Computing
- Open Source Contribution

#### LANGUAGES

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- English-Expert