

Akize Israel

Kigali city

Gasabo District

Ndera sector

[akizeisrael123@gmail.com](mailto:akizeisrael123@gmail.com)

+250780521244

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## **Professional Summary**

Software Engineering student at Adventist University of Central Africa (AUCA) with hands-on experience in full-stack development (Java, Spring Boot, React.js) and database optimization. Additionally, I bring a strong background in Quality Assurance, managing field teams, conducting audits, and ensuring compliance with construction standards, particularly in eco-friendly building practices. Skilled in training, data analysis, and process optimization, I am eager to apply both my technical and QA expertise to real-world challenges. Seeking an opportunity to contribute to impactful IT and construction projects, while growing professionally in a collaborative, solutions-driven environment.

### **❖ Education**

Bachelor's Degree in Software Engineering (In progress) *Adventist University of Central Africa (AUCA), Kigali*

### **❖ Technical Skills**

- **Programming:** Java, JavaScript (React.js, Next.js), PL/SQL, C
- **Frameworks:** Spring Boot, React.js, Hibernate, Tailwind CSS, Next.js,
- **Databases:** PostgreSQL, MySQL (*Query Optimization*)
- **Tools:** Git, Postman, VS Code, Django, IntelliJ IDEA, NetBeans, Hadoop, and apache spark.

- Data Analysis Tools like Proficient in tools including Excel, word, and Power BI,
- Digital Monitoring and Project Management Tools.

### ❖ *Projects*

#### 1. Online Examination System: React.js, Spring Boot, JWT

- o Built a secure platform for conducting and tracking exams with real-time monitoring.

#### 2. Blood Bank Management System: PL/SQL, MySQL o

Designed a donor/inventory database; optimized queries by 20%.

- o **Relevance:** Highlights data management skills for institutional systems.

#### 3. Tega Bus Ticketing System: Java, Spring Boot

- ✓ Console-based app for booking/tracking transactions.

#### 4. New Kigali Designers Website

- ✓ Dynamic website built for on the basis of next.js and with APIs.

### ❖ *Certifications*

- Networking Essentials | Cisco Networking Academy (2025)
- Introduction to NetOps1
- Introduction to Basics of Microsoft Power BI

### ❖ *Languages*

- English (Fluent)
- Kinyarwanda (Native)

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### ❖ References

**Lecture** Eric Maniraguha [ericmaniraguha2024@gmail.com](mailto:ericmaniraguha2024@gmail.com)