

Tirivashe Tinarwo

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📍 Harare, Zimbabwe

LinkedIn

Portfolio

EDUCATION

BSc (Hons) Software Engineering

University of Zimbabwe

06/2025

Academic Standing: 2.1 (Upper Second Class Degree)

Advanced Level

St Faiths High School

11/2020

Passed 4 Advanced level subjects: Mathematics (A) Computer Science (A) Physics (D) Statistics (C)

Achievement: Awarded a Silver Certificate in the 2019 Computer Talent Search (Senior Division), sponsored by Standard Bank and proSET

Ordinary-Level

St Faiths High School

11/2018

Passed 14 Ordinary level subjects: 11 As and 3 Bs, including Mathematics (A), English Language (B), Computer Science (A), and Physics (A).

SKILLS

Backend Development: Java, Spring Boot (Microservices, REST APIs)

Frontend Development: ReactJS, NextJS, JavaScript (ES6+), HTML5, CSS3

Version Control & Collaboration: Git, GitHub, Agile/Scrum

Operating Systems: Windows, Linux

Database Management: SQL, Oracle, MySQL

Documentation & Reporting: Documentation & Reporting

Soft Skills: Problem-Solving, Analytical Thinking, Communication, Team Collaboration, Adaptability, Task & Time Management

Professional Summary

Versatile Technology Professional with expertise in software development, databases and system integration. Skilled in Java, Spring Boot, React and Database Management, with proven ability to optimize performance, troubleshoot issues and deliver solutions in Agile environments. Passionate about leveraging technology to improve efficiency and drive business success.

Work Experience

Software Developer intern at Afrosoft Holdings

08/2023 - 08/2024 |

- Engineered and maintained enterprise-scale web applications using Java (Spring Boot) and ReactJS, improving system reliability and scalability.
- Collaborated with cross-functional teams to design modular Spring Boot microservices, enhancing code reusability and maintainability across projects.
- Developed and optimized RESTful APIs to integrate 3+ enterprise databases, enhancing data querying and mapping efficiency by 25% and reducing response time by 200ms on average.
- Improved backend performance by optimizing database queries and applying clean code practices, enhancing system responsiveness.
- Documented APIs and system workflows, supporting smoother handovers and onboarding of other developers.

Certifications

Introduction to Data Engineering and Big Data - GUVI Geek Networks

01/2024 – 12/2024

Certificate of Completion

Information and Communication Technology Fundamentals - HEXCO

01/2017 – 10/2017

Passed with Distinction

Computer Operations and Packages - HEXCO

01/2017 – 10/2018

Passed with Distinction

SQL for data analysis - SkillEcted

09/12/2024

Certificate of Participation

Projects

Double Red Rose

- A personal e-commerce project built with React and Next.js to boost sales and referrals for the Double Red Rose product.

Biometric Voting System with AI Anomaly Detection

- A final-year project integrating biometric authentication with an AI-driven system using Isolation Forest to detect and prevent electoral fraud.

PSC Project

- A team-based project developed during my internship at Afrosoft Holdings. I contributed primarily to the backend, working with Java, Spring Boot, Oracle Database and Jasper Reports.