

# Farai Matsika



## Profile

As a certified professional in Spring Framework, Oracle (Java), and Cloud technologies, I architect enterprise-grade Java solutions that drive business transformation at Afrosoft Holdings. My dual expertise in technical development (Java/Spring Boot, Oracle) and DevOps (CI/CD, cloud infrastructure) enables me to bridge critical gaps in full-stack delivery. Certified Scrum training empowers me to lead agile teams effectively, while my ongoing software engineering studies ensure cutting-edge architectural approaches. I don't just write code - I design scalable systems, mentor junior developers, and implement DevOps practices that elevate entire engineering teams.

## Personal details

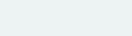
 Farai Matsika

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## Skills

Java	    
Spring Boot	   
DevOps	  
Agile and Scrum	 

## Education

<b>Software Engineering, Software Development</b> Telone Centre For Learning	<b>Aug 2021 - Nov 2024</b>
<b>Backend Software Development, Software Engineering</b> Afrocademy	<b>Sep 2023 - Jan 2024</b>
<b>Software Engineering, Computer Software Engineering</b> ALX AFRICA	<b>Feb 2023 - Dec 2023</b>
<b>O level , Computer Programming (HEXCO) NFC in C++</b> Magunje Barracks High School	<b>Jun 2015 - Oct 2019</b>

## Employment

<b>Junior Developer (Software Engineer)</b> Afrosoft Holdings Limited	<b>May 2025</b>
<i>After demonstrating consistent dedication through my internship and project contributions, I was promoted to Junior Developer with leadership responsibilities. In this role, I collaborate with external teams while mentoring and onboarding junior developers. I actively participate in - and often lead - architecture design sessions and system implementations. Beyond development, I've assumed DevOps responsibilities including CI/CD pipeline management and infrastructure setup, filling a critical organizational need. Currently, I'm sharpening my enterprise architecture skills by building scalable Java/Spring Boot applications, aligning with my career goal to become a Software Architect.</i>	

## Software Engineer

Afrosoft Holdings Limited, Harare, Zimbabwe

Jan 2024 - May 2025

As a Backend Development Intern at Afrosoft Holdings, I worked alongside intermediate developers to build and maintain enterprise systems using C# and .NET Core and Java. During my internship, I gained hands-on experience developing REST APIs, integrating databases with SQL Server, and contributing to financial and biometric solutions. This immersive learning environment allowed me to quickly transition from academic knowledge to production-level development, ultimately leading to my promotion to a full-time backend developer role.

## Java Programming Trainer (Tutor)

Afrocademy

Nov 2024

As a Java Programming Instructor at Afrocademy, I teach aspiring developers the fundamentals of Java, guiding them from beginner to intermediate levels. I deliver practical, hands-on training sessions, mentor students, and design course content to ensure they gain the skills needed for real-world software development. My goal is to empower learners with a strong foundation in Java programming and problem-solving.

## Manager

Tafecs Chicks Inn, 154 Oliver Newton Road Mutoko

Jan 2021 - Jan 2024

## Certifications

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### Spring Certified Professional

Jul 2025

### AWS Educate Introduction to Cloud 101

Mar 2025

### Oracle Certified Associate : Java SE 8 Developer

Apr 2024

### Scrum Fundamentals Certified (SFC)

May 2023

### HEXCO NFC in Computer Programming with C++

May 2022

## Projects

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### Instalipa Payment Gateway | Lead Developer

Jan 2024 - Present

Led the development of Instalipa, a scalable payment gateway in Tanzania, integrating major MNO APIs and building a USSD channel to enable secure, high-volume mobile money transactions.

- Led development of Tanzania's mobile payment gateway integrating Vodacom, Airtel, Tigo & Halotel APIs
- Built USSD channel for feature phone users, expanding financial access
- Architected system using Java/Spring Boot with MySQL backend
- Implemented Docker deployment and transaction security protocols
- Currently enhancing fraud detection and cross-border capabilities

**Tech:** Spring Boot, Docker, MySQL, USSD APIs

### PSC Biometric API Integration | Backend Developer

Mar 2024 - Nov 2024

Engineered Zimbabwe's civil service (PSC) biometric verification system, integrating HRMIS and national ID databases to automate payroll authentication and eliminate ghost workers.

- Developed secure APIs for biometric proof-of-life checks, authenticating 300K+ civil servants via fingerprint scans.
- Integrated Oracle HRMIS and Progress OpenEdge national ID databases to sync real-time employee status (active/deceased).
- Automated payroll/pension eligibility checks, reducing fraudulent claims,
- Designed CSV-based data exchange for HR workflows (appointments, promotions, terminations). **Tech:** REST APIs, Oracle DB, Progress OpenEdge, Biometric SDKs.

**NRZCPF Biometric Verification System | Backend Developer**

Aug 2024 - Feb 2025

Built a biometric life-certification system for NRZCPF, using fingerprint/face recognition to combat pension fraud and enable remote verification via mobile apps.

- Developed secure APIs for a pensioner identity platform, enabling biometric authentication (fingerprint/iris/face) via mobile apps (Android/iOS).
- Integrated with legacy ERP to automate eligibility checks and sync real-time status updates.
- Implemented SMS alerts, audit trails, and fraud detection, reducing manual verification by 60%. **Tech:** REST APIs, Progress OpenEdge, Biometric SDKs, ERP Integration.

**NRZCPF Voting Platform | Backend Developer**

Built a multi-channel voting system for NRZCPF trustees' elections, enabling secure voting via USSD, WhatsApp, SMS, and web—cutting fraud and boosting participation

- Developed **APIs** for a secure, multi-channel voting platform (USSD/WhatsApp/SMS/web) serving 10K+ NRZCPF members.
- Engineered **real-time vote reconciliation**, nomination/ballot workflows, and candidate disqualification logic.
- Integrated **SMS/WhatsApp gateways** for voter notifications and **ERP sync** for candidate eligibility checks.
- Implemented **audit trails**, role-based access, and dashboards for clerks/supervisors to monitor elections. **Tech:** REST APIs, USSD Gateway, WhatsApp API, MySQL DB, RBAC.

**ZDFBF Loans & Finance Manager | Lead Developer**

Oct 2024 - Jun 2025

Modernized Zimbabwe Defence Forces' financial operations with a secure, multi-currency platform for loans, investments, and budgeting.

- Led development of comprehensive financial system replacing manual processes
- Architected modules for loan processing, stock market investments, and property portfolios
- Implemented multi-currency support (USD/ZWL) with real-time tracking
- Designed secure role-based access controls and audit trails
- Developed investment tracking for stock market, money market, and property assets

**Tech:** Java/Spring Boot, MySQL DB, REST APIs

**Afrosoft Finance Manager System | Backend Developer**

Developed core financial modules for internal accounting and enterprise resource planning.

- Built accounting features including general ledger, AP/AR, and financial reporting
- Implemented budgeting tools with variance analysis capabilities

- Developed cash flow management and forecasting modules
- Integrated with payroll and inventory management systems
- Automated financial statement generation (P&L, balance sheets)