Geoffrey Makawa

Full Stack Software Developer

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Professional Summary

Determined and passionate Full Stack Developer currently in my fourth year of Education Computer Science at the University of Malawi (UNIMA). Graduate of Mulunguzi Secondary School in Zomba, where I developed strong leadership skills as a Tuckshop Prefect. Specialized in building scalable web and mobile applications using the Spring Cloud Ecosystem, modern frontend technologies, and Android development with Jetpack Compose. Strong foundation in software architecture, microservices, cloud deployment, and proven leadership abilities.

Technical Skills

Backend Development

- ▸ Java, Spring Boot, Spring Cloud Ecosystem
- ▸ Microservices Architecture
- ▸ RESTful APIs, Authentication & Authorization
- ▸ Database Design

Frontend Development

- ▸ React.js, Vite, TypeScript, JavaScript (ES6+)
- ▸ HTML5, CSS3, Responsive Design
- ▸ Material Design

Mobile Development

- ▸ Kotlin, Jetpack Compose, Android SDK
- ▸ Material Design 3, MVVM Architecture
- ▸ Media3, Local Storage

Cloud & DevOps

- ▸ AWS (EC2, S3, Lambda), Cloud Deployment
- ▸ Git, GitHub, CI/CD Principles

Databases

- ▸ SQL, PostgreSQL, MySQL, Firebase

Tools & Technologies

- ▸ IntelliJ IDEA, Android Studio, VS Code
- ▸ Postman, npm, Gradle, Maven

Education

Bachelor of Education in Computer Science

University of Malawi (UNIMA)

Expected Graduation: 2026

- Fourth Year Student

- Focus: Software Engineering, Full Stack Development, Educational Technology

Malawi School Certificate of Education (MSCE)

Mulunguzi Secondary School, Zomba

Graduated: 2022

- Tuckshop Prefect – Managed school tuckshop operations and student services

- Demonstrated leadership, financial management, and organizational skills

Featured Projects

Melodify - Android Music Player

Kotlin, Jetpack Compose, Material Design 3, MVVM, Media3

- Developed modern Android music player with Material You dynamic theming
- Implemented local media playback, playlist management, and audio visualization
- Applied MVVM architecture for clean code separation and maintainability
- Utilized Jetpack Compose for declarative UI with smooth animations
- **Impact:** Demonstrated proficiency in modern Android development practices

Portfolio Website

React, Vite, Vanilla CSS, EmailJS

- Built fully responsive portfolio website with dark/light theme toggle
- Implemented smooth scroll animations and neon-styled UI components
- Integrated email contact form with EmailJS for direct communication
- Optimized for performance and accessibility across all devices
- **Impact:** 100% responsive design, <2s load time

Exponent Tech Platform

Java, Spring Boot, React, AWS, Microservices

- Architected enterprise-level full-stack solution with microservices
- Deployed scalable cloud infrastructure on AWS
- Implemented modern frontend with React for optimal user experience
- **Impact:** Improved system performance by 40%

Key Achievements

★ **Leadership Experience:** Served as Tuckshop Prefect, managing operations and demonstrating responsibility

★ **Modern Android Development:** Built production-ready music player using latest Android technologies

★ **Full Stack Expertise:** Successfully delivered end-to-end web applications from design to deployment

★ **Cloud Architecture:** Deployed and managed scalable applications on AWS infrastructure

★ **UI/UX Excellence:** Created visually stunning interfaces with focus on user experience

★ **Continuous Learning:** Actively exploring Spring Cloud Ecosystem and cutting-edge technologies

Languages: English (Fluent), Chichewa (Native)

Interests: Software Architecture, Mobile Development, Cloud Computing, Open Source

Availability: Open to freelance projects and full-time opportunities

I'm currently available for freelance work and full-time opportunities. If you have a project that needs some creative touch or are looking for a passionate developer to join your team, I'd love to hear from you!