

WANJALA STEPHEN

Software Developer | Backend, Mobile & Desktop Applications

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PROFESSIONAL SUMMARY

Software Developer with hands-on experience building and maintaining enterprise applications across backend, mobile, and desktop platforms. Currently a core contributor to the MaliPlus ERP suite and maintainer of its HR & Payroll system. Skilled in Kotlin, Java, and TypeScript, with a strong focus on clean, maintainable code, scalable architecture, and collaborative delivery in Agile teams. Passionate about open-source software and building reusable, well-designed components.

TECHNICAL SKILLS

Languages: Kotlin, Java, TypeScript

Backend: Ktor, Spring Boot, Fastify, Next.js (API routes)

Mobile: Android development with Jetpack Compose

Desktop: JavaFX, Compose for Desktop (Compose Multiplatform)

Frontend / Web: Next.js, TypeScript

Practices: Software architecture, design patterns, coding standards, debugging, technical support, Agile / Scrum

PROFESSIONAL EXPERIENCE

Software Developer

Primesoft Solutions (K)

Sep 2024 – Present

Full-time, Onsite

- Develop and maintain desktop applications within the MaliPlus ERP suite, delivering features used across multiple business modules.
- Serve as maintainer of the MaliPlus HR & Payroll System, owning feature design, implementation, and ongoing enhancements.
- Design and implement assigned features, modules, and enhancements for the MaliPlus ERP platform.
- Collaborate with the support team to troubleshoot and resolve production software issues, improving system reliability.

Software Developer Intern

Primesoft Solutions (K)

May 2024 – Aug 2024

Full-time, Onsite

- Contributed to the development and maintenance of desktop applications within the MaliPlus ERP suite.
- Collaborated with cross-functional teams to analyse, design, and implement new features, modules, and enhancements.
- Wrote clean, maintainable, and efficient code, adhering to best practices and established coding standards.
- Debugged and resolved software defects across ERP modules.
- Provided technical support to clients, resolving inquiries and guiding effective use of the applications.
- Contributed to software architecture and design patterns to ensure consistency and scalability, and participated in stand-ups and sprint planning.

OPEN-SOURCE PROJECTS

Compose DataTable

github.com/stephenWanjala/DataTable

- Built a highly customizable, feature-rich DataTable component for Compose Desktop entirely on Foundation APIs, with no Material dependency.
- Designed a reusable, well-documented API to give developers full control over table styling and behavior.

EDUCATION

BSc. Information Technology

Maseno University

2020 – 2024

Second Class Honours (Upper Division)