

Kelvin Kamau

.NET Senior Developer | C# · .NET · React · TypeScript · SQL Server

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PROFESSIONAL SUMMARY

Senior Full-Stack Developer based in Nairobi, Kenya, with 7 years of experience building and shipping production-grade internal applications end-to-end. Deep expertise in C#, .NET Core, and ASP.NET Core on the backend, paired with strong React and TypeScript proficiency on the frontend. Proven track record of translating real business workflows into clean, maintainable software — owning features from architecture through deployment. Experienced mentoring developers, collaborating directly with non-technical stakeholders, and raising engineering quality through code reviews, CI/CD practices, and solid testing. Available to work fully remote, aligned to US business hours.

TECHNICAL SKILLS

Backend: C#, .NET Core (6/8), ASP.NET Core, Web APIs, background jobs, Entity Framework, RESTful API design

Frontend: React.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, modern component-based UIs

Databases: PostgreSQL, SQL Server (familiar), MongoDB, SQLite, Neo4j — schema design and query optimization

Cloud & DevOps: Azure (familiar), AWS (familiar), Docker, Git, GitHub, GitLab, CI/CD pipelines, automated testing

Architecture: Microservices patterns, event-driven architecture, third-party API integrations, system design

Soft Skills: Stakeholder communication, mentoring, code reviews, agile delivery, cross-functional collaboration

PROFESSIONAL EXPERIENCE

Software Developer — **Seabury Solutions** Oct 2024 – Present

- ▶ **Build and maintain full-stack enterprise applications** using C#, .NET, TypeScript, Angular, and PostgreSQL — internal line-of-business systems used daily by operational teams across multiple regions.
- ▶ **Own features end-to-end:** architecture, implementation, testing, deployment, and ongoing support — with full autonomy and accountability.
- ▶ **Collaborate directly with non-technical stakeholders** to translate operational workflows into well-scoped technical solutions that remove friction and unlock efficiency.
- ▶ **Mentor junior developers** through code reviews, pair programming, and documentation — raising the bar for engineering quality across the team.
- ▶ **Improve CI/CD pipelines** and system reliability, reducing manual steps and increasing deployment confidence.
- ▶ **Debug and resolve production issues** with root cause analysis focus — leaving systems more stable after every intervention.

Senior Full-Stack Engineer — **Kamusi Project International — kamusi.org** 2019 – Present

- ▶ **Architected a multilingual semantic knowledge graph on Neo4j** spanning 1M+ lexical entries across 62 languages — full schema design, query optimization, and 3.5M node migration pipelines.
- ▶ **Shipped 5+ production APIs** using Next.js, Node.js, TypeScript, and Prisma — with auth, validation, error handling, and monitoring throughout.
- ▶ **Delivered multiple full-stack internal tools:** LMS, insurance portal, school management system, and Kamfupi (URL shortener + file platform) — sole engineer on every project from schema to deployment.
- ▶ **Built a Python-based internal database schema analyzer** that auto-maps table relationships and generates interactive HTML reports — replacing hours of manual work with a single script run.

FLAGSHIP PROJECT

AG Framework — [Personal Project](#) *.NET · C# · TypeScript · Enterprise Security*

- **Production enterprise .NET framework** built from scratch — thousands of lines, security-hardened, with strict design system, reusable component patterns, and authentication infrastructure.
- **Powers multiple production modules** — insurance portal and school management system — demonstrating the shared platform thinking that senior .NET development requires.

Multilingual Semantic Knowledge Graph — [Kamusi Project International](#) *Neo4j · Node.js · TypeScript · PostgreSQL*

- **1M+ lexical entries, 62 languages, 30+ semantic relationship types** — designed, migrated, and optimized at scale. Demonstrates large-scale data architecture and backend engineering depth.

EDUCATION

Bachelor of Arts — Sociology & Religion — [Egerton University](#) *2014 – 2018*

Second Class Honours (Upper Division) — complemented by 7 years of self-driven software engineering, building production systems throughout and after university.