

BENARD KIMANI

Senior Software Developer · Full-Stack · AI-Enabled Engineering · Tech Mentorship
+254 797 877 563 · benkim388@gmail.com · github.com/swiftkimani · benardkimani.co.ke · Nairobi, Kenya

PROFESSIONAL SUMMARY

I'm a Software Engineer and Full-Stack Developer with 3+ years of professional experience designing, building, and maintaining web applications and business software. I specialise in modern frontend frameworks (React, Vue.js, Next.js) alongside backend and API integration work, and I actively use AI tools to accelerate development, improve quality, and deliver reliable solutions faster. I have a strong track record of mentoring developers, leading technical execution, driving automation initiatives, and communicating clearly across technical and non-technical teams. I'm comfortable working independently, managing priorities with limited oversight, and taking ownership of complex initiatives end to end.

CORE SKILLS

Frontend: HTML5, CSS3/SCSS, JavaScript (ES6+), TypeScript, React.js, Vue.js, Next.js, Tailwind CSS, Bootstrap, Responsive Design

Backend & Integration: RESTful APIs, JSON/AJAX, Node.js, API Consumption & Validation, Data-Driven Applications

Tooling & Workflow: Git/GitHub, Webpack, Agile/Scrum, Code Reviews, Web Performance Optimisation, SEO Principles

AI & Automation: AI-assisted development (Claude, GitHub Copilot), workflow automation, RPA concepts, AI tool integration

Quality & Security: Client-side Security, Secure API Handling, UI Testing, Debugging, Technical Documentation

Soft Skills: Developer Mentorship, Cross-functional Collaboration, Technical Communication, Independent Execution

PROFESSIONAL EXPERIENCE

UI/UX Developer — Frontend & Integration *Aug 2025 – Present*

MasterClass Solutions | Remote / Nairobi, KE

I design and implement user-centred web and mobile interfaces, working closely with DevOps and backend engineers to deliver cohesive, high-quality product experiences.

- I simplified client interfaces by 30% and boosted user interaction rates by 50%, directly improving sales conversion and business information delivery.
- I integrated web analytics tools across new projects, enabling data-driven agile iterations that improved critical UI elements by 20%.
- I optimized responsive, cross-platform UI/UX designs for cross-browser compatibility, reducing page load times by 25%.
- I collaborate with backend engineers to integrate RESTful APIs, ensuring seamless, maintainable end-to-end product experiences.
- I actively use AI tools to accelerate prototyping, code review, and documentation workflows, increasing delivery speed without sacrificing quality.

Software Developer Mentor & Full-Stack Trainer *Jul 2024 – Present*

NairobiBits Trust — AMP Programme | Nairobi, KE

I lead frontend and full-stack training for the AMP cohort, combining technical instruction with Agile delivery practices and developer mentorship.

- **I trained 45+ students in HTML5, CSS3, JavaScript, and React, achieving a 95% project completion rate with a focus on responsive, production-ready UI.** Frontend Curriculum Leadership:
- **I developed database-driven features for student projects, improving data visualisation and system performance by 30%.** High-Performance Solutions:
- **I guide teams using Agile workflows, conducting detailed peer code reviews and maintaining high standards for maintainability and documentation.** Agile & Code Quality:
- **I helped students secure internships and full-time roles at reputable tech companies through tailored portfolio reviews and interview preparation.** Career Outcomes:
- **I incorporate AI-assisted development tools into the curriculum, preparing students for modern AI-enabled engineering workflows.** AI Integration in Learning:

Project Administration & Compliance Lead*Oct 2024 – Mar 2025 || Oct 2025 – Mar 2026*

NairoBits Trust — S-BIZE Initiative | Nairobi, KE

I led project administration and compliance coordination across partner institutions, applying Agile principles to manage multi-stakeholder delivery.

- I coordinated documentation and reporting across 3 institutions (NairoBits Trust, Empower and Serve, London School of Economics), achieving 100% alignment on timelines and compliance requirements.
- I facilitated 10+ structured coordination meetings, producing action trackers and briefs that reduced turnaround time on deliverables.
- I monitored compliance milestones, surfaced blockers early, and maintained continuous operational momentum throughout the project lifecycle.

Filmmaker & Creative Technologist*Jan 2024 – Feb 2025*

GOLYPOON Storytelling | Nairobi, KE

- I directed digital content projects for global audiences, applying user-centred design thinking and systems thinking to improve engagement metrics by 20%.
- I collaborated with cross-functional teams to prototype and refine user experiences, translating complex briefs into accessible digital formats.

PROJECTS & CONTRIBUTIONS

- **I built a data optimisation solution using Microsoft Power Apps, recognised for innovation, usability, and efficient frontend implementation during a 5-day challenge.** Microsoft Hackathon (2024):
- **I maintain 81+ repositories spanning React, JavaScript, Vue.js, and web applications — demonstrating consistent shipping discipline and version-control best practices.** Open Source — github.com/swiftkimani:
- **Production-grade frontend projects showcasing responsive design, API integration, and performance optimisation.** Personal Portfolio — benardkimani.co.ke:
- **I consistently integrate AI tools (Claude, Copilot) into my development, testing, and documentation workflows, and help define best practices for responsible AI use on team projects.** AI-Powered Development Practice:

EDUCATION

Bachelor's Degree in Information Technology (Ongoing)*Sep 2021 – Dec 2026*

KCA University | Nairobi, KE

Diploma in Media Lab Programming & Computer Programming*May 2022 – Dec 2023*

NairoBits Trust | Nairobi, KE

CERTIFICATIONS

- Kubernetes and Cloud Native Essentials (LFS250) – The Linux Foundation, Jun 2025
- CCNA: Networking Fundamentals / Switching, Routing & Wireless / Enterprise Networking, Security & Automation – Cisco Networking Academy, 2024
- Claude Code in Action – Anthropic, 2025
- Programming Using JavaScript – IBM, 2023
- JavaScript Essentials – Cisco Academy & JS Institute, 2023
- Fundamentals of Project Management – Google / Coursera, 2023
- Fundamentals of Digital Marketing – Google Digital Garage, 2022