

SAMUEL NJOROG KIBANDI

Information Technologist | Full-Stack Developer | IT Systems Specialist

Nairobi, Kenya | +254 799 169 720 | samnjorokibandi@gmail.com

GitHub: github.com/samnjoro30 | LinkedIn: linkedin.com/in/samuel-njoroge-kibandi

Professional Summary

Versatile and results-driven Information Technologist with proven experience across software development, system administration, cybersecurity, and cloud infrastructure. Cofounder of Bazelink, delivering scalable web solutions with secure backends and responsive UIs. Known for strong teamwork, proactive problem-solving, and delivering high-quality results under pressure. Adept at collaborating in cross-functional teams and driving projects from concept to deployment. Passionate about solving real-world problems using technology.

Key Achievements

- Co-founded Bazelink, a growing e-commerce platform that attracted 100+ users in its first 3 months.
- Reduced server downtime by 40% through proactive monitoring and deployment automation.
- Integrated Daraja API, increasing successful mobile payments by 35%.
- Led full-stack development of systems across e-commerce, insurance, and banking sectors.
- Boosted backend performance by 30% through optimized queries and caching.
- Achieved 50% faster deployment cycles using Git versioning and CI/CD tools.
- Prevented over 500+ cyber threats with advanced DDoS protection and secure API layers.

Skills

- Programming Languages: Python, Java, C, C++, JavaScript, PHP (Laravel)
- Web Development: HTML5, CSS3, Django, React.js, Laravel, Bootstrap, Vite
- Backend & APIs: Node.js, Express.js, Flask, FastAPI, JWT, REST
- Databases: MongoDB, MySQL, SQLite
- DevOps & Tools: Git, GitHub, Render, Firebase, Docker

- Cloud & Infrastructure: Google Cloud Platform, Firebase Hosting
- Networking & Security: VPN Configuration, AAA, Firewalls, TCP/IP, DNS, Cybersecurity, Server Monitoring
- Data Analysis: Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebooks
- Development Concepts: Agile, Caching, Deployment, System Optimization, API Design

Experience

Bazelink | Co-founder & Full Stack Developer

July 2024 – Present | Rongai, Kenya

- Spearheaded the development and launch of Bazelink, connecting 100+ users within 3 months.
- Designed and implemented frontend using React.js and backend with Node.js/Express.js.
- Reduced downtime by 40% through server monitoring and automated deployment.
- Improved backend performance by 30% with optimized database queries.
- Integrated Daraja API for seamless mobile payments.
- Led the system's cybersecurity implementation and deployment strategy using CI/CD tools.

Projects

Pharmaceutical Ordering System

- Designed a CLI-based application in C for managing pharmaceutical orders.
- GitHub: <https://github.com/samnjoro30/pharma-system.git>

Gun Tracking System

- Developed using Python, Flask, HTML, CSS, JavaScript, and SQLite for firearm monitoring.
- GitHub: https://github.com/samnjoro30/firearm_management.git

Banking System

- Built a full-featured banking app with React.js, Node.js, Express, and MongoDB.
- GitHub: <https://github.com/samnjoro30/E-Banking-Tech.git>

Insurance System

- Designed an AI-powered insurance platform using React, TypeScript, FastAPI, Node.js.
- GitHub: https://github.com/samnjoro30/Insurance_tech.git

Event Management System

- Created a Django-based platform for event ticketing with MySQL backend.
- GitHub: https://github.com/samnoro30/Event_management.git

Education

Bachelor of Science in Information Technology

The Cooperative University of Kenya | Sept 2022 – Expected Dec 2026

Web Development (Django)

Emobilis Institute of Technology | Oct 2024 – Dec 2024

Networking

Huawei | Oct 2024 – Mar 2025

AI Career Essentials

ALX | Jun 2024 – Jul 2024

KCSE

Kiaguthu Boys High School | Jan 2018 – Apr 2022

Professional Membership

Member, Institute of Electrical and Electronics Engineering (IEEE)

Referees

- Moreen Watiri – Head of Department, Bazelink | 0116293386
- Salome Mwangi – Supervisor, Cooperative University | 0736952178
- Bishop Mathu – Apostolic Churches of Kenya | 0717417152