

# SAMUEL NJOROG KIBANDI

---

Full-Stack Developer | DevOps & Cloud Enthusiast | IT Systems Specialist

Nairobi, Kenya | +254 799 169 720 | [samnJOROKIBANDI@gmail.com](mailto:samnJOROKIBANDI@gmail.com)

GitHub: [github.com/samnJORO30](https://github.com/samnJORO30) | LinkedIn: [linkedin.com/in/samuel-njoroge-kibandi](https://www.linkedin.com/in/samuel-njoroge-kibandi)

Portfolio: <https://sam-tech-solution.web.app/>

## Professional Summary

I'm a passionate and adaptable Information Technologist with hands on experience in software development, cloud Infrastructure and Devops. I co-founded Bazelink, an e-commerce platform where I led the delivery of secure scalable web solution with intuitive user interfaces. I enjoy working in a collaborative, cross-functional teams and thrive when solving real-world problems through technology. I'm always learning, building, and excited to contribute to innovative projects that make a meaningful impact

## 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% and enhancing payment reliability.
- Led full-stack development of systems across e-commerce, insurance, banking and smart agriculture sectors.
- Boosted backend performance by 30% through optimized queries and caching.
- Achieved 50% faster deployment cycles using Git versioning and CI/CD tools.
- Mitigated multiple cyber threats by implementing secure API authentication DDos protection and regular system hardening.

## Skills

- Programming Languages: Python, C, C++, JavaScript, PHP (Laravel)
- Web Development: HTML5, CSS3, Django, React.js, Laravel, Bootstrap, Next.js
- Backend & APIs: Node.js, Express.js, Flask, FastAPI, JWT, REST
- Databases: MongoDB, MySQL, SQLite, Postgre DB
- DevOps & Tools: Git, GitHub, Render, Firebase, Docker, Github Actions
- Cloud & Infrastructure: Google Cloud Platform, Firebase Hosting, AWS
- 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
- IT Operations: system Administration, Troubleshooting, IT support
- Office Tools: MS word, Excel, PowerPoint, Documentation
- IT Management: Basic project Coordination, Process Automation, Asset Management, Incident Reporting
- Soft Skills: Problem Solving, Teamwork, Communication, Client Support, Time Management

## 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.
- Provided administrative IT support, including troubleshooting system access issues and cloud backup monitoring.
- Coordinated system documentation, internal user support and training

## Projects

### Smart Agriculture

- Designed a web-system application for farmers to track their inputs yield and expenses.
- Developed using Next.js, TypeScript, FastAPI, PostgreSQL, Docker, Nginx and deployed using supabase, render and firebase
- GitHub: [https://github.com/samnjoro30/Smart\\_Agriculture.git](https://github.com/samnjoro30/Smart_Agriculture.git)

### Gun Tracking System

- Developed using Python, Flask, HTML, CSS, JavaScript, and SQLite for firearm monitoring.
- GitHub: [https://github.com/samnjoro30/firearm\\_management.git](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](https://github.com/samnjoro30/Insurance_tech.git)

## **Event Management System**

- Created a Django-based platform for event ticketing with MySQL backend and clouinary.
- GitHub: [https://github.com/samnjoro30/Event\\_management.git](https://github.com/samnjoro30/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

## **Professional Membership**

Member, Institute of Electrical and Electronics Engineering (IEEE)

## **Referees**

- Available upon request