

# SAMUEL NJOROG KIBANDI

Full-Stack Developer | DevOps & Cloud Enthusiast | IT Systems Specialist  
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GitLab: <https://gitlab.com/samnioro/> | 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 solutions with intuitive user interfaces. I enjoy working in 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 and cloud Infrastructure(GCP) 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, PostgreSQL DB
- **DevOps & Tools:** Git, GitHub, Render, Firebase, Docker, Github Actions
- **Cloud & Infrastructure:** Google Cloud Platform, Firebase Hosting, AWS (EC2, ALB, VPC, EKS, ECS etc.)
- **Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebooks
- **Testing :** Vitest, pytest
- **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, Vitest, PWA, FastAPI, PostgreSQL, Docker, Nginx and deployed using Supabase, Render, Neon, AWS, Vercel and Firebase.
- GitHub: <https://github.com/samnjoro30/Smart-Agriculture.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>

## Education

### Bachelor of Science in Information Technology

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

## Certification

ReStart Program | Aws Cloud Practitioner | May 2025 - August 2025

Emobilis Institute of Technology | Software Development | Oct 2024 – Dec 2024

ALX | AI Career Essentials | Jun 2024 – Jul 2024

Huawei | HCIA-DATACOM | Oct 2024 – Mar 2025

## Professional Membership

Member, Institute of Electrical and Electronics Engineering (IEEE)

## Referees

- Available upon request