

# Don Gitonga Kiriinya

## Software Engineer

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### Profile

Passionate Full-Stack Developer specializing in React, Next.js, Node.js, and Flask. I enjoy crafting high-performance web applications that enhance user engagement and business success. My expertise lies in building scalable, secure, and efficient solutions that solve real-world problems.

### Skills

#### Frontend Development

React, Next.js, JavaScript, TypeScript, Tailwind CSS, ShadCN UI, Bootstrap

#### Backend Development

Node.js, Flask, Hono

#### Databases & ORM

PostgreSQL, Supabase, Drizzle ORM, MySQL, SQLAlchemy

#### API Development

RESTful APIs, OAuth, JWT, Strapi

#### DevOps & Deployment

Vercel, Supabase, Neon DB, Cloudinary

### Education

#### Riara University

Computer Science

Currently pursuing a degree in Computer Science with a focus on software development, data science, and emerging technologies.

Jan 2025 – present

Nairobi, Kenya

#### Moringa School

Certificate in Software Development

Completed an intensive 6-month bootcamp, mastering full-stack web development. Awarded **valedictorian** for outstanding performance and leadership.

Nov 2023 – Jun 2024

Nairobi, Kenya

### Professional Experience

#### Freelance Software Developer

- Developed custom web applications for over 3 clients, improving their online presence.
- Built responsive dashboards and landing pages, reducing page load time by 30% using **Next.js**, **Tailwind CSS**.
- Integrated APIs (payment gateways, authentication) to enhance UX and security.
- Engineered a **secure backend (Node.js, Flask, Hono, PostgreSQL)** capable of handling 10,000+ requests/sec.
- Worked with UI/UX designers to improve user engagement by 40%.

Jun 2024 – present

Nairobi, Kenya

## Projects

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### Vakeel Construction

Dec 2024 – Jan 2025

#### *Landing Page for a Construction Company*

- Designed and developed a **responsive landing page**, improving mobile accessibility by 40%.
- Optimized images with **Cloudinary**, reducing page load time by 30%.
- Used **Next.js for SSR**, increasing organic traffic by 20%.
- **Tech Stack:** Next.js, Tailwind CSS, ShadCN UI, Cloudinary

### MyWalletRafiki

Jun 2024 – Nov 2024

#### *Expense Tracking App*

- Developed a **personal finance tracking app**, allowing users to track income and expenses with real-time analytics.
- Implemented **data visualization** features, improving user engagement by 35%.
- Integrated **secure authentication** using OAuth and JWT, enhancing data security.
- Built a **high-performance backend** (Node.js, PostgreSQL), capable of processing **10,000+ transactions per second** with **enhanced security and data integrity**.
- **Tech Stack:** React, Next.js, Node.js, PostgreSQL, Tailwind CSS, Chart.js