

Susan Njeri Githaiga
Software Developer

+254 706332926 
susangithaiga26@gmail.com 
LinkedIn 
GitHub 
Portfolio 

Career Summary

I am a fullstack software developer and Bitcoin open-source contributor specializing in building user-focused web applications and protocol-level infrastructure. I am proficient in **TypeScript, React, and Ruby on Rails**, with a deep focus on the **Bitcoin and Lightning Network** ecosystems.

Experience.

BOSS | Chaincode Labs | Open Source Contributor | December 2025 - April 2026

The BOSS (Bitcoin Open Source) Program by Chaincode Labs supports developers in making meaningful contributions to the Bitcoin ecosystem. As a participant, I made the following milestones

- ◆ **Featured Portfolio Project:** [Lightning Anchor Fee Outputs](#)
 - ◆ Developed a fee-bumping service designed to help Lightning Network users confirm stuck Bitcoin transactions. This project was featured among the top within the BOSS 2026 cohort for technical execution and utility.
- ◆ **Blockstream Explora:** [Implemented dynamic date rendering](#) for the network explorer's footer, replacing static values with automated year synchronization to ensure long-term UI maintenance.
- ◆ **BTCPay Server:**
 - ◆ [Implemented version compatibility logic](#) within the plugin directory, allowing users to verify min/max version requirements before installation.
 - ◆ [Refactored UI components](#) for the Builds and Owners tabs to align with the core platform's report tab style, ensuring visual consistency.
 - ◆ [Identified and resolved layout bugs](#) involving text-wrapping and overlapping contributor names on plugin pages to improve readability.
- ◆ **Bitcoin Dev Project:**
 - ◆ [Added SEO metadata](#) across all pages of the Bitcoin Dev Project website to enable Google search indexing and improve discoverability
 - ◆ [Reduced 10MB of client JS bundle](#) via lazy loading, tree-shaking, and dependency cleanup, significantly improving website load time
 - ◆ [Rebuilt the sitemap and removed stale routes](#) to improve search crawling for Google Search Indexing

Dada Devs | Nairobi, Kenya | Blockchain Developer Peer Lead | Feb 2026 – Present

Dada Devs is a developer community focused on blockchain education and peer-driven learning for female software developers in Africa. As a cohort 4 peer lead, I perform the

following tasks:

- ◆ Lead a structured Mastering Bitcoin study group as an Alumni Peer Learning Lead, guiding new students through core Bitcoin concepts including Keys & Wallets, Transactions, Mining, Security, Networking, and the Lightning Network.
- ◆ Facilitate 1–2 weekly sessions that combine technical instruction with collaborative problem-solving, helping participants build foundational knowledge in Bitcoin protocol and cryptographic principles.
- ◆ Support students in developing practical Git/GitHub workflows, reinforcing version control best practices within a Bitcoin development context.

Turing | Palo Alto, CA | Business Analyst| Jan 2026 - Feb 2026

As a Business Analyst at Turing, I performed the following tasks:

- ◆ Conducted side-by-side evaluations of AI-generated outputs, assessing quality, accuracy, and relevance to support multimodal AI training for frontier research initiatives.
- ◆ Delivered structured, evidence-backed justifications for evaluation decisions, maintaining data integrity and consistency with established quality standards across all assessments.
- ◆ Leveraged browser-based tools and CLI workflows to support analysis pipelines, and communicated findings to stakeholders to drive continuous improvement of Google's multimodal AI systems.

GoAnotherLevel |Tennessee, USA(Remote)| Software Developer| Nov 2023 – Jan 2025

As a Software Developer at GoAnotherLevel, I performed the following tasks:

- ◆ Developed and maintained the company website using WordPress, Elementor, Pagelines, and React.js, resolving broken links and form submission errors to improve UX and customer communication.
- ◆ Independently implemented and managed Search Engine Optimization (SEO) and Search Engine Marketing (SEM) strategies, driving organic and paid traffic growth, and monitored performance using Google Analytics to identify and act on improvement opportunities.
- ◆ Designed and executed email marketing campaigns via Mailchimp, handling list segmentation, content creation, and performance tracking to support business outreach goals.

iTalanta | Nairobi, Kenya | Intern | Aug 2023 – Sept 2023

iTalanta is a technology company that provides end-to-end software development services with support from Belgian and global talent, enabling clients to deliver high-quality solutions.

As an Angular Programming Intern at iTalanta, I:

- ◆ Built and enhanced web applications using the Angular framework.
- ◆ Collaborated with a team of developers and mentors to deliver functional and user-friendly interfaces.
- ◆ Improved coding skills by participating in code reviews and implementing feedback.

[Dynic Fibre | Nairobi, Kenya | Intern | April 2022 – July 2022](#)

Dynic Fibre is a local ISP in Kenya that specializes in providing affordable internet services to locals in Nairobi. As an intern at Dynic Fibre, I performed the following roles:

- ◆ Configured and maintained network infrastructure, including routers, switches, and firewalls, to ensure stable ISP connectivity.
- ◆ Troubleshooting connectivity and performance issues, monitored network activity for security and optimization, and researched emerging networking technologies to recommend infrastructure upgrades.
- ◆ Participated in technical code reviews to refine internal network management scripts and tools.

Education And Qualifications

[Dada Devs - Dates attended\(October 2025 - January 2026\)](#)

◆ **Blockchain Development**

Skills: The Lightning Network, Cryptography & Security, Taproot, HTLC, Bitcoin Networking and Bitcoin Open-source Education And Qualifications

[Social Media College - Dates attended\(September 2023 - October 2023\)](#)

◆ **Social Media Marketing Intensive**

Skills: Focus on Optimization Techniques, Interface Design using Canva, SEO Copywriting and Google Analytics, Google Ads, and Meta Ad platform.

[Moringa School - Dates attended\(November 2022 - June 2023\)](#)

◆ **Software Engineering**

Skills: JavaScript, React.js, Angular, Ruby on Rails, MySQL, Postgresql, Python, UI/UX Design using Figma, responsive design with Bootstrap & Tailwind css.

[Kenyatta University- Dates attended\(Sept 2021- June 2022\)](#)

◆ **IT Essentials: PC Hardware and Software**

Skills: Computer Repair(PC Hardware & Software), IT Operations, Customer Service

◆ **Cisco Certified Network Associate(CCNA 1 - CCNA 3)**

CCNA 1 Skills: Network setup, configuration and troubleshooting.

CCNA 2 Skills: Switching operations, wired & wireless LAN configuration using security best practices.

CCNA 3 Skills: Creating scalable network architectures, dynamic routing, mitigation of security threats, wide-area networks, virtualization, automation of programmable networks.

[South Eastern Kenya University - Dates attended\(September 2018 - October 2022\)](#)

◆ **Bachelor of Information Technology**

Skills: IT Operations, IT Security Policies & Procedures

Projects

[Fitlinka - Project link](#)

An innovative and visually engaging fitness app. Meticulously crafted to elevate my design skills, this project seamlessly blends aesthetic appeal with user-centric functionality. You can view the project [wireframe: here](#).

CrowdPay - Project link

A hybrid payment platform enabling users in Kenya and globally to create customizable fundraising links for events, activism, and personal milestones. Contributors can pay using Bitcoin (Lightning & on-chain) or M-Pesa (KES), while recipients automatically receive Bitcoin in their wallets. This project is built with React TypeScript, Flask/Python, Supabase, and Lightning Network integration via LNbits API.

You can view the project here: [CrowdPay on GitHub](#)

OpenTelemetry: Open Source contribution

Contributed to the OpenTelemetry project by implementing CSS enhancements to refine dark and light theme styling, improving both visual appeal and accessibility across various devices

Access my contributions here: [Theme optimization, Fix image display](#)

Almaid - Project link

Figma design of the landing page of an app built with a Ruby on Rails back-end. It is designed to provide an efficient and reliable platform for people looking to hire cleaners to make bookings and leave reviews. You can view the website here: [Almaid website](#)

Siriscore- Project link

Siriscore is an open-source Bitcoin transaction privacy analyzer that scores transactions before they are signed and broadcast, when privacy leaks can still be fixed. Users paste a PSBT, raw transaction, or txid and receive a 0-100 privacy score with actionable findings from a suite of chain-analysis heuristics (address reuse, round-amount change detection, common-input-ownership, coinjoin and Payjoin recognition, tainted-UTXO labelling). Ships as a pip-installable Python library for wallet integration, a CLI, and a FastAPI web app, with optional connection to the user's own Bitcoin node so no transaction data leaves their machine. You can view the project here: [SiriScore on GitHub](#)

Soft Skills

- ◆ Effective communicator
- ◆ Adaptability
- ◆ Time management
- ◆ Teamwork
- ◆ Problem solving
- ◆ Technical writing
- ◆ Personal research

Technical Skills

Digital Marketing: HubSpot, Google Analytics, Meta Ad Platform, Canva, Salesforce, SEO Copywriting, Search Engine Marketing(**SEM**), Email Marketing, Google Ads

UI/UX Design: Figma, User research and user-centred design, User interface design

Frontend development: JavaScript, Vue.js, React, Typescript, Angular, HTML, Tailwind CSS, Bootstrap, Material UI

Backend development: Ruby on Rails, GraphQLs, Python(Flask), MySQL MongoDB, PostgreSQL, JSON, Node.js, Apollo GraphQL.