MERCY NJERI MBAO

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Portfolio: https://latest-portfolio-sooty.vercel.app/

PROFESSIONAL SUMMARY

Software Developer with strong experience in **React, Next.js, Node.js, and Python**, building scalable web applications and contributing to **open-source Bitcoin projects**. Proven ability to lead teams, ship production-ready features, and integrate secure backend services. Passionate about **clean code, performance, and user-centered design**.

TECHNICAL SKILLS

Frontend: React, Next.js, JavaScript (ES6+), HTML5, CSS3, Tailwind, Responsive UI
Testing: Jest, React Testing Library, Playwright (e2e)
Backend: Node.js, Express, Python (FastAPI, Flask), REST APIs
Databases: MySQL, sqlite3, PostgreSQL
Auth & Security: JWT, HTTP authentication
Blockchain: Bitcoin fundamentals, Lightning basics, Avalanche
Tools: Git, GitHub, Figma, Agile/Scrum

EXPERIENCE

Frontend Developer Intern — Tech Sisters Kenya *(2025- Present)*

- Built and optimized responsive UI components using React & Next.js
- Improved accessibility and performance across multiple pages
- Collaborated with designers and backend developers in an agile environment
- Wrote unit and integration tests with Jest & React Testing Library

Peer Lead & Frontend Tech Lead — Bitcoin Dada Devs *(2025 – Present)*

- Led frontend architecture for a Bitcoin-focused final project
- Mentored developers, reviewed PRs, and enforced clean coding standards
- Coordinated feature delivery and technical decisions across the team

Freelance Frontend Developer — *Remote (Jan 2025 – Present)*

- Delivered production-ready web apps including a mental wellness platform, portfolio sites, and a Bitcoin crowdfunding platform
- Worked directly with clients to translate requirements into scalable UI solutions.

ICT Support Assistant — Capital Markets Authority (Kenya) *(2020 – 2021)*

- Provided technical support and troubleshooting for internal systems
- Strengthened problem-solving, documentation, and communication skills

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OPEN SOURCE & TECH CONTRIBUTIONS

- Contributor to Lightning Gallery (BitDevs Nairobi)
- Currently contributing to Bitcoin mempool fee estimation features
- Reviewed multiple Bitcoin-related open-source projects
- Active contributor in Bitcoin developer communities (Bitcoin dada devs, African bitcoiner and Btrust, bitdevs-Nairobi)

EDUCATION & TRAINING

- Btrust Pathway 1 & 4: Mastering Bitcoin & Python Language Club
- Btrust Boss Bootcamp (4 Weeks)
- Bitcoin & Blockchain Bootcamp — BTC Dada Dev
- Web Development Bootcamp — Project Power Learn
- Frontend Bootcamp — Tech It Girls
- B.Sc. Library & Information Science — Chuka University

CERTIFICATIONS

- Isentry Technologies – frontend developer
- Avalanche Fundamentals & Subnet Architecture
- Technical Fundamental Support — Coursera
- Frontend Development — Tech It Girls