

Muriuki Muchiri



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Skills

Go, Rust, Solidity, TypeScript, Python, Java, React, Next.js, Django, Flask, Node, MySQL, PostgreSQL, Flutter, Solana, Ethereum, Smart Contracts, DeFi, Git, Docker, Puppet, CI/CD, Linux, Networking, Scripting & Automation

Experience

Bcamp

Jun 2024 – Aug 2024

Blockchain Developer

Nairobi, Kenya

- Co-developed innovative ERC404-based liquidity token system, combining ERC20 and ERC721 functionalities to enhance LP incentives, resulting in improved liquidity retention
- Developed React-based frontend for seamless interaction with ERC404 liquidity positions, boosting user engagement
- Optimized gas usage for ERC404 token interactions and wrote comprehensive unit tests using Hardhat, achieving 95% code coverage and reducing post-deployment issues

Eve'smama Ltd

Sep 2023 – Jan 2024

Web Developer

Nairobi, Kenya

- Developed dynamic website for midwifery company, increasing online visibility by 200% and user engagement by 150% within 6 months
- Optimized site performance, reducing load time by 40% and increasing mobile responsiveness, resulting in a 25% decrease in bounce rate
- Collaborated with marketing team to integrate SEO strategies, leading to a 180% increase in organic search traffic

Freelance

May 2023 – current

Software Engineer

- Independently designed, developed and delivered custom websites for various clients, demonstrating proficiency in full-stack development, including front-end design and back-end functionality, resulting in high client satisfaction and positive feedback.

Projects

Didomi - Cryptocurrency Crowdfunding Platform | Next.js, React.js, Nest.js, PostgreSQL, Prisma, Rust, Anchor, Solana

- Developed Didomi, a decentralized platform for cryptocurrency-based project crowdfunding with transparent milestone tracking and automated fund distribution
- Engineered full-stack solution using Next.js, React, Nest.js, and PostgreSQL, integrating Solana blockchain with Rust/Anchor smart contracts for secure fund management

Muve - Playlist Converter | ReactJS, Redux, Django, REST API, Tailwind, MUI, Docker, AWS

- Built playlist converter application integrating YouTube and Spotify APIs using Next.js, React.js for front-end and Django for back-end
- Implemented responsive design and complex data operations, resulting in positive user feedback for intuitive interface and seamless functionality

LP-NFT - Innovative DEX Liquidity System | Solidity, ERC404, ERC20, ERC721, React, Node.js, Blockchain Events

- Architected a novel DEX system combining ERC20 LP tokens with ERC721 NFTs, enhancing liquidity provision and user engagement
- Created embeddable frontend component and backend system for dynamic NFT metadata generation, improving DEX functionality and user experience

Education

Edulink International College

Expected Graduation, November 2024

Advance Diploma in Software Engineering

Nairobi, Kenya

- Concentrations:** Software Engineering, Web Development, Android Development

Holberton School (ALX)

Graduated July 2024

Certificate in Software Engineering

Nairobi, Kenya

- Concentrations:** Software Engineering, Backend-Engineering, DevOps, Networking