

IVY NJOROGÉ

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Nairobi, Kenya.

FULL STACK DEVELOPER

A Versatile Full Stack Developer with expertise spanning both Web3 and traditional technologies. Delivers end-to-end solutions using React.js/Next.js, Node.js, and TypeScript while specializing in blockchain integration with Solidity smart contracts and decentralized storage. Proven track record developing diverse applications including NFT marketplaces, e-commerce platforms, predictive analytics systems, and content management solutions. Transforming raw language models into precise business solutions through expert prompt engineering and seamless API integration. Combines technical proficiency in RESTful APIs, database design, and responsive UI development with strong communication skills to transform complex requirements into user-friendly applications. Passionate about leveraging emerging technologies to create innovative solutions that drive business value across both Web2 and Web3 ecosystems.

STRENGTHS AND EXPERTISE

Frontend	Backend	Soft Skills
<ul style="list-style-type: none">React.js/Next.jsTypeScript/JavaScriptCSS/Tailwind CSSResponsive designState management (Redux, Context API)Web3 integration (ethers.js, Wagmi, Viem)Wallet connectivity (RainbowKit, MetaMask)	<ul style="list-style-type: none">Node.js/ExpressSmart contract development (Solidity)Blockchain development frameworks (Hardhat)RESTful API designAuthentication systemsDatabase managementERC token standards (ERC-20, ERC-721)IPFS/Pinata integrationGas optimizationSmart contract securityWeb3 architectureGit/GitHub	<ul style="list-style-type: none">Clear communicationTime managementClient relationship managementAdaptabilitySelf-motivationCritical thinkingAttention to detailEmpathy for user needsConflict resolutionMentoring/knowledge sharingDeadline-oriented work ethicRemote collaboration proficiency
AI & Language Models <ul style="list-style-type: none">LLM API integration (Claude, GPT-4, Llama)Advanced prompt engineering techniques		

PROFESSIONAL EXPERIENCE

Freelance Lead Full Stack Developer	January 2025 - February 2025
<ul style="list-style-type: none">Architected and developed a decentralized clothing exchange platform using Next.js, TypeScript, and Solidity smart contracts, enabling peer-to-peer garment swapping and charitable donationsImplemented secure Web3 authentication and wallet connectivity using RainbowKit, Wagmi, and Viem, creating a seamless onboarding experience for non-crypto usersBuilt custom ERC-20 token system with Hardhat for platform currency, including token rewards for charitable donations and escrow functionality for clothing exchangesDesigned responsive UI/UX with server-side rendering for optimal performance, featuring interactive clothing listings, user profiles, and transaction historySuccessfully deployed smart contracts to testnet with comprehensive testing suite, ensuring secure token transfers and swap verification mechanisms.	

Freelance

November 2024 - December 2024

Full stack developer

- Developed a custom NFT marketplace using React.js, Solidity, Hardhat, ethers.js, and IPFS/Pinata for decentralized storage
- Implemented secure wallet connection functionality with MetaMask integration for seamless user authentication
- Built and deployed smart contracts for NFT minting with gas-efficient code, enabling artists to create unique digital assets
- Created responsive "My NFTs" gallery displaying user-owned tokens with metadata and transaction history
- Successfully delivered core functionality (wallet connection, NFT minting, and collection display) meeting client requirements on time and within budget

Freelance

October 2024 - September 2024

Full stack developer

- Developed a dual-language smart contract generator using React.js, JavaScript, and Web3 libraries that translates between Solidity (EVM) and Rust (Wasm for Arbitrum Stylus)
- Built intuitive UI with template selection (ERC20/ERC721), parameter customization, and syntax-highlighted code display for both languages
- Implemented one-click code copying functionality and responsive design for seamless user experience across devices
- Created comprehensive documentation and user guides to facilitate adoption by blockchain developers
- Successfully delivered a functional application supporting contract generation, customization, and translation with all core features (template selection, parameter input, code generation) working as specified

Freelance

January 2024 - July 2024

Full stack developer

- **Technical Expertise:** Proficient in front-end (JavaScript/React/Vue) and back-end (Node.js/Python) technologies with database management skills and API development experience.
- **Project Ownership:** Independently manage development lifecycle from requirements gathering to deployment, ensuring high-quality, scalable solutions.
- **LLM Integration Specialist:** Architected a Youtube video processing system using Claude API that extracts, summarizes, and categorizes information from the video with 92% accuracy.
- **Problem-Solving:** Demonstrate strong troubleshooting abilities and creative thinking to overcome technical challenges and deliver innovative solutions.

EDUCATION

Zetech University.

Ruiru, Kenya

Bachelors Degree in Software Engineering

September 2022 - November 2025