Patty Mabvuu

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• https://github.com/Mabvuu

SUMMARY

As a blockchain developer, I specialize in building decentralized applications (dApps) with expertise in smart contracts, zero-knowledge proofs(ZKPs), DeFi, and NFTs. My skills include Solidity, Ethers.js, Web3.js, and front-end technologies like React and Vue, alongside experience in back-end development using Node.js and databases such as MongoDB and MySQL. I am passionate about advancing blockchain innovation in identity verification, tokenization ,decentralized finance and secure ecosystems.

EXPERIENCE

Freelance — Blockchain Full-Stack Developer
May 2024 – Present

- Build end-to-end projects for clients: React front-ends, Node.js backends, and MySQL databases.
- Design, write and deploy smart contracts (Solidity) and integrate them with Ethers.js/Web3.js.
- Develop wallets, transaction flows, NFT/DeFi features and ZKP-based privacy tools.
- Deliver prototypes, production deployments (testnets/mainnet), docs and ongoing maintenance.

React · Node.js · Express · MySQL · MongoDB · Solidity · Ethers.js / Web3.js · Three.js · TypeScript · Tailwind · Docker · AWS · Git

Ziviano, Blockchain Developer

January 2024 - May 2024

Developed secure smart contracts for tokenization and decentralized finance solutions. Designed Zero-knowledge proof systems for privacy-preserving identity verification using CIRCOM. Built face identification systems integrated with blockchain for decentralized access control. Leveraged Ether.js for interacting with Ethereum networks and deployed contracts on testnets Developing a secure blockchain wallet with private key management, transaction signing and integration with multiple networks.

STACK
React, Node.js, MongoDB, Firebase, Ethereum, Ethers.js
Smart Contracts, CIRCOM (ZKP), Face ID + Blockchain, Wallet Development

Full-stack Developer Intern

Oasis Infobyte, 2019 February - 2020 December

Developing a comprehensive full-stack web application utilizing React, MongoDB, and Node.js. The application will feature: - A robust admin login system with complete user registration functionality, authorization and access control, email verification for account validation, and forgot password recovery system - Integration with Razorpay checkout for secure payment processing - A mini inventory management system for efficient stock tracking and management

STACK
React, Node.js, Express.js, MongoDB, Firebase, REST APIs
GraphQL, Redux, TypeScript, Docker, Nginx, Git/GitHub
JWT Auth, Razorpay, WebSockets, Tailwind CSS, Jest, AWS

Freelance Website Developer 2020 December-2022 March

Designed and developed interactive and responsive websites using front-end technologies, including JavaScript,React, Vuejs,Threejs,etc. Ensuring seamless user experiences across devices Engineering robust server-side logic and APIs with Node.js, enabling efficient data processing and integration with various platforms Administered and optimised database architectures using MongoDB and MySQL ensuring scalability, performance, and data integrity Implementing version control and collaborative workflows with Git, streamlining development processes and enhancing team productivity. Integrated advanced features such as authentication,real-time updates and secure payment gateways to meet diverse client requirements.

STACK
JavaScript, React, Vue.js, Three.js, Node.js, Express.js
MongoDB, MySQL, Git, REST APIs, WebSockets, JWT Auth
Firebase, Tailwind CSS, AWS, Docker, Nginx, Secure Payments (Razorpay/Stripe)

EDUCATION

Zimbabwean Open University Bachelor of Software Engineering-

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SKILLS

React, Vue.js, JavaScript, TypeScript, Three.js, Tailwind CSS
Node.js, Express.js, REST APIs, GraphQL, WebSockets, JWT Auth
MongoDB, MySQL, Firebase, AWS, Docker, Nginx
Ethereum, Ethers.js, Smart Contracts, CIRCOM (ZKP), Wallet Development
Face ID + Blockchain, DeFi Solutions, Tokenization, Zero-Knowledge Proofs
Git/GitHub, CI/CD, Testing (Jest), Secure Payments (Razorpay/Stripe)