Gift Opia

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EXPERIENCE

Senior Software Engineer (L5)
Forj | December 2022 - Present
Remote

· Responsible for the development of frontend using Next.js for landing and blog, and Forj's in-house web3 SDKs built with TailwindCSS, TypeScript, Viem, Wagmi, Merkle Trees, and Vercel (CRON, CI, Deployments). Also, I automated UI docs using react-doc-gen and Storybook
· Led the development of a web3 Whitelabel application, facilitating web3 launchpads, campaigns, and token swaps with minimal effort. This effort resulted in establishing the Ape Accelerator in collaboration with the BAYC team.
· Set up initial infrastructure with AWS ECS, Wormhole, Warm.xyz, Docker, Prisma ORM with Supabase.
· Achieved 92% runtime improvement, reduced load time to 1.5 seconds, and played a key role in technical aspects, reviews, and timelines.
· Full stack development of features like file upload to S3 with blurry (64x64 webp) previews.
· Revamped Cryptosaurs website and NFT pool with GSAP, Emotion, and Three.js for enhanced aesthetics and interactivity.

Senior Frontend Engineer
Montech INC | December 2021 - November 2022
Remote

· Enhanced efficiency by 40% by developing Web3 templates and SDKs, streamlining smart contract interactions and cryptography (Merkle Trees included). Reduced onboarding time for new hires by 50% and implemented NFT minting on ERC-721 and ERC-1155 standards.
· Owned GameFi app (https://www.blokchessclub.com) development using React, TypeScript, IPFS, IPLD, Socket.IO (front-end), Express (Node.js backend), Apollo server, WebSockets, Docker, Kafka, Redis, and Google Cloud Functions for real-time features and scalability.
· Elevated transaction success rates by 30% via integrated payment methods, wallets with in-house SDK, and secure email login with Magic.
· Pioneered cross-chain bridging using Wormhole (initially infrastructure built with Moralis), boosting interoperability across Ethereum, BSC, Avalanche, Polygon, and Flow by 25%.

Software Developer
Zsolutions | January 2019 - December 2021
Remote, NG

· Designed and integrated a user-friendly parent-teacher portal, centralizing student progress information for improved communication between parents and teachers.
· Created an e-learning dashboard using React, React Query, Cypress, and Jest to improve student performance and engagement.
· Owned a comprehensive Computer-Based Testing (CBT) section to enhance the educational experience.
· Developed React Native mobile app for parent-teacher portal, achieving 98% adoption and 80ms response time; designed Ruby on Rails backend with automated testing for reliability.

Senior Software Engineer -Frontend
LD Talent | July 2018 - December 2018
Remote, USA

· Implemented USDC wallet systems using Circle API for a banking app as part of the Lotus project shortly after the initial release of USDC.
· Built job search platform with Rails + React TS stack, MQ, Firebase, and automated profile/skill analysis using DSA.
· Migrated codebase from Svelte, and React to Next.js with server-side rendering. This optimization significantly enhanced code strength and platform speed, resulting in a 30% reduction in load times for improved user experience.
· Introduced design frameworks to boost user response rates to ad placements by a remarkable 100%.

Frontend Engineer
Purplegate Technologies | November 2016 - July 2018
Lagos, NG

· Created a versatile white-label template, reducing project timelines by 25%, ensuring UI consistency, and setting industry standards with TypeScript, React, Redux, React-table, and responsive UIs.
· owned Vevo's restaurant platform code, boosting user acquisition by 40% through debugging and configuration improvements.
· Optimized code for speed, scalability, and a better user experience, resulting in a larger user base. Migrated code from ES6 JS to TypeScript.
· Enforced rigorous quality control with automated Jest and Cypress testing for superior code quality and seamless functionality.

SKILLS

Languages: Javascript, Typescript, Ruby, Solidity, Go, Rust, SQL

Frameworks: Next.js, React, React Native, Redux Toolkit, Node.js, Web3.js, Ethers.js, Viem, Wagmi, GraphQL, Docker

Other Skills: Agile workflow, Software Testing(TDD), Creative Development, SDK Development, CI/CD, Merkle Trees

Platforms: Wormhole, Substrate, Cosmos, IPFS, ENS, Infura, Alchemy, Chainlink, Waku, Libp2p, A11y, GCP, AWS, GitHub Actions, Jenkins

Blockchains: Ethereum, Solana, BSC, Polygon, Avalanche, Polkadot, Flow

PROJECTS

POLKAPET DAPP
https://dapp.polkapet.world
· Technologies used: Next.js, Typescript, ChakraUI, Polkadot.js, Ethers.js, Solidity.
· Project Summary: Multifunctional decentralized application (Dapp) on the Polygon blockchain for Pet NFTs, offering staking, farming, vault security, and a Mystery Box feature.

OTHERSIDE
https://otherside.xyz
· Technologies used: Next.js, Typescript, Tailwind, Viem, Wagmi, Solidity.
· Project Summary: A Revolutionary Gamified Metaverse with Playable NFTs and Real-Time Multiplayer Interaction.

PAYMINTO
https://www.payminto.com
· Technologies used: React, Tailwind, Node.js, Express.js.
· Project Summary: Payment processor for efficient, secure cross-border transactions, ensuring fast processing, competitive international rates, top-notch security, and easy integration with online platforms.

EDUCATION

Associate of Engineering in Software Engineering
Lagos city computer college · Lagos, NG · 2018