

Gift Opia

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EXPERIENCE

Senior Frontend 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, 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, Pulumi, 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

- Development of Collabor8 cross-platform mobile and desktop app using React, React Native, Electron, Electron Forge, and TypeScript.
- Enhanced efficiency by 40% by developing Web3 templates and SDKs, streamlining smart contract interactions and cryptography. 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 (formally used 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.
- 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 Node.js backend and PostgreSQL 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, Vue.js, 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: Highly skilled in Javascript, Typescript, Solidity, and GLSL. Proficient with Golang, Ruby, SQL

Frameworks: React, React Native, Vue.js, Hardhat, Polkadot.js, Web3.js, Ethers.js, Viem, Wagmi, SubGraph, GraphQL, Docker, Node.js

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

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

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

PROJECTS

POLKAPET DAPP

<https://dapp.polkapet.world>

- Technologies used: Next.js, Typescript, ChakraUI, Web3.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