Gift Opia

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EXPERIENCE

Staff Software Engineer
Forj | December 2022 - Present
Remote

· Co-own the development of in-house non-custodial multi-chain wallet using SubWallet as template.
· Responsible for the development of frontend using Next.js, React Native, Typescript, Viem, and Forj's in-house SDKs built with. Also, I automated UI docs using react-doc-gen and Storybook.
· Led the development of a web3 white-label application, facilitating launchpads, campaigns, and swaps with minimal effort.
· Led the development of the Ape Accelerator in collaboration with the BAYC team.
· Set up initial backend infrastructure with AWS ECS, Docker, PostgreSQL, Prisma ORM with Supabase.
· Achieved 92% runtime improvement, reduced load time to 1.5 seconds, and played a key role in technical reviews, and timelines.
· Full stack development of features like file upload to AWS S3 with blurry (64x64 webp) previews.
· B2B SaaS Kit (starter template with Astro, React, Tailwind, auth, MongoDB, Stripe, Fogbender)

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

· Development of Collabor8 cross-platform mobile and desktop app using React Native, Electron, Electron Forge, and TypeScript.
· Enhanced efficiency by 40% by developing Web3 templates and SDKs, streamlining smart contract interactions and cryptography.
· Created documentation system for SDK on several blockchains (Polkadot, BSC, ETH), reducing onboarding time for new hires by 50%.
· Owned GameFi app development on Flow Blockchain, using React, React Query, TypeScript, IPFS, Socket.IO (front-end), Python (backend), Web3.py, Apollo server, WebSockets, 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 email login with Magic.
· Pioneered cross-chain bridging, boosting interoperability across Ethereum, BSC, Avalanche, Polygon, Polkadot, 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 for improved communication.
· Led an e-learning dashboard using React, React Query, Cypress, Jest, & AWS S3 to improve 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 (Express.js) backend and MongoDB Atlas with automated testing. Utilized CircleCI for continuous integration.

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 after the initial release of USDC.
· Built job search platform with Python + React TS stack, RabbitMQ, Firebase, and automated profile/skill analysis using DSA.
· Migrated codebase from Svelte, and React to Next.js with server-side rendering. resulting in a 30% reduction in initial load time.
· Introduced design frameworks to boost user response rates to ad placements by a remarkable 100%. And Mailgun for handling emails.

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

· Created a versatile white-label template on React + Python stack, 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 UX, 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, Solidity, Python

Frameworks: React, React Native, Next.js, Electron, SubGraph, Substrate, Polkadot.js, Web3.js, Viem, Zustand, Node.js

Platforms: SubWallet, MetaMask, Waku

Blockchains: Ethereum, BSC, Polkadot, Flow, Avalanche

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

PROJECTS

PRISMIC'S SLICE MACHINE
https://prismic.io/slice-machine
· Technologies used: HTML, CSS, Next.js, SvelteKit, Typescript, Prismic CMS, MongoDB, AWS, Lucene, Ruby, Scala, Play2.
· Project Summary: A content modeling tool for web development that simplifies creating dynamic and reusable content components, known as "slices." It works seamlessly with Prismic's CMS to streamline content presentation.

OTHERSIDE
https://otherside.xyz
· Technologies used: Next.js, Typescript, Tailwind, Lostpixel, Prisma ORM, PostgreSQL, Supabase.
· 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, MongoDB.
· 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