

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 SDKs built with TailwindCSS, Next.js, 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, Docker, tRPC, PostgreSQL, Drizzle 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 AWS S3 with blurry (64x64 webp) previews.
- Revamped Cryptosaurs website and NFT pool with React, GSAP, Framer motion, and Three.js for enhanced aesthetics and interactivity.
- B2B SaaS Kit (starter template with Astro, React, Tailwind, Clerk 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, 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 development using React, React Query, TypeScript, IPFS, Socket.IO (front-end), 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 via Binance Smart Chain and Ethereum, 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, Jest, & AWS S3 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 (Express.js) backend and MongoDB Atlas with automated testing for reliability. 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 shortly after the initial release of USDC.
- Built job search platform with Rails + 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. 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%. And Mailgun for handling emails.

Frontend Engineer

Purplegate Technologies | November 2016 – July 2018

Lagos, NG

- Created a versatile white-label template on React + Rails 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 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, Golang, SQL

Frameworks: Next.js, React, React Native, TailwindCSS, GraphQL, tRPC, Drizzle ORM, Platnetscale, MySQL, PostgreSQL, Docker, OAuth2

Platforms: Tinybird, Next Auth, Clerk, Google OAuth, GCP, AWS, Mailgun, Cloudflare

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, Drizzle 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