

Tharun Aluvala



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SUMMARY

Frontend Developer | React.js | JavaScript

Results-driven frontend developer with 2 years of experience in building dynamic, user-centric web applications using modern frameworks and technologies. Proficient in **React.js, JavaScript, and TypeScript**, with a strong focus on developing **scalable, responsive, and visually appealing** user interfaces.

Skilled in **HTML, CSS, Chakra UI, and Tailwind CSS**, translating design concepts into high-performance applications with pixel-perfect precision. Experienced in optimizing front-end performance, ensuring cross-browser compatibility, and implementing best UI/UX practices. Adept at **version control (Git/GitHub)** and collaborative development, ensuring efficient workflows in agile team environments. Passionate about delivering **high-quality, optimized code** and staying up to date with emerging front-end technologies.

EXPERIENCE (2+ years)

EverRise Technologies Pvt Ltd

03/2023 - present, Hyderabad, India

Frontend Developer

- Developed and maintained **responsive web applications** using **React.js**, ensuring optimal performance and seamless **user experience** across devices.
- Built **reusable, scalable components** leveraging **JavaScript, TypeScript, Chakra UI, and Tailwind CSS** to enhance UI consistency and efficiency.
- Worked closely with backend developers** to integrate RESTful APIs, ensuring seamless data flow between the front end and smart contracts.
- Integrated **Web3 functionalities** such as **wallet connections, smart contract interactions, and decentralized authentication**, improving user engagement in **blockchain-based platforms**.
- Optimized front-end performance, ensuring **fast load times** and a **smooth user experience** on **decentralized applications (Dapps)**.
- Implemented authentication mechanisms** such as **MetaMask, Wallet Connect, and Coinbase Wallet**, allowing seamless user onboarding in Web3 applications.
- Utilized ethers.js and web3.js** to fetch blockchain data and enable secure user transactions within decentralized applications (Dapps).
- Utilized **Git/GitHub** for version control, collaborating with cross-functional teams in an **agile development environment**.

PROJECTS

EverLaunch

Description:

EverLaunch is a secure and user-friendly platform designed to facilitate token sales while ensuring liquidity protection and long-term project stability. With advanced locking mechanisms, EverLaunch empowers projects to manage token sales, secure liquidity pools, and lock tokens seamlessly. The platform's Auto-Renew technology enables continuous protection without manual intervention, fostering trust and security for investors and developers alike.

Roles & Responsibilities

- Developed and optimized the EverLaunch platform using React.js, TypeScript, and Web3.js to provide a seamless and secure user experience.
- Implemented an intuitive token sale module, allowing projects to launch and manage token sales effortlessly with real-time monitoring and customization options.
- Integrated liquidity locking mechanisms, ensuring continuous market stability through Auto-Renew Liquidity Lock technology.
- Developed a secure token locking system to prevent early dumps, reinforcing long-term project commitment with automated renewal features.
- Implemented the Project Locker feature, enabling token holders to lock and unlock tokens while maintaining continuous lock renewals for transparency and decentralization.
- Integrated blockchain authentication using MetaMask, Wallet Connect, and Coinbase Wallet to provide seamless user onboarding and transaction security.

DStreet

Description:

DStreet is a next-generation NFT marketplace designed to provide a seamless, secure, and user-friendly platform for listing, buying, and trading digital assets. The platform enhances NFT visibility and liquidity, allowing creators to effortlessly list their

NFTs, while buyers benefit from instant purchases through the "Buy Now" feature. DStreet leverages robust blockchain technology to ensure secure, transparent, and immutable transactions. Additionally, the unique Handshake feature enables direct peer-to-peer negotiations, fostering trust and collaboration within the NFT community.

Roles & Responsibilities

- Developed and optimized the front-end of the NFT marketplace using React.js, TypeScript, and Web3.js, ensuring a smooth and interactive user experience.
- Implemented NFT listing functionalities, allowing creators to mint, display, and manage their digital assets with maximum visibility.
- Integrated blockchain-based smart contracts to enable secure, transparent, and immutable transactions on Ethereum, Binance Smart Chain, and Polygon.
- Built an intuitive "Buy Now" feature, streamlining instant NFT purchases at fixed prices to enhance user convenience.
- Developed the unique "Handshake" feature, allowing direct peer-to-peer negotiations and custom transactions between buyers and sellers.
- Optimized performance by reducing load times through code splitting, lazy loading, and efficient API calls.
- Conducted rigorous testing using Jest and Cypress, ensuring cross-browser compatibility and a bug-free experience.

CrossX

Description:

CrossX is an innovative cross-chain DeFi platform that enables seamless cryptocurrency transactions across multiple blockchains, including Ethereum, Binance Smart Chain, Polygon, Fantom, Avalanche, and Arbitrum. The platform empowers users to trade and earn yields directly with other crypto traders, eliminating the need for centralized liquidity pools and ensuring full control over assets.

Roles & Responsibilities:

- Developed and optimized the front-end architecture using React.js, TypeScript, and Web3.js to ensure a seamless user experience for cross-chain transactions.
- Implemented cross-chain bridging solutions that enable users to swap assets between Ethereum, BSC, Polygon, Fantom, Avalanche, and Arbitrum with minimal fees and high efficiency.
- Integrated decentralized finance (DeFi) functionalities, allowing peer-to-peer yield generation without relying on centralized liquidity providers.
- Worked closely with blockchain developers to integrate smart contracts and decentralized exchange (DEX) protocols, ensuring secure and transparent transactions.
- Worked closely with backend developers. to integrate RESTful APIs, ensuring seamless data flow
- Implemented wallet authentication using MetaMask, Wallet Connect, and Coinbase Wallet, enabling seamless user onboarding and secure asset management.

Dvault

Description:

DVault is a secure personal token locker designed to provide enhanced asset protection through a dual-key security mechanism. The platform supports multiple blockchain networks, including Ethereum, Binance Smart Chain, Polygon, Fantom, Avalanche, and Arbitrum, allowing users to lock their crypto assets securely. By leveraging blockchain technology, DVault ensures that stored assets remain safe, transparent, and accessible only through authenticated authorization.

Roles & Responsibilities

- Designed and developed a secure token locking mechanism with a dual-key security system to enhance asset protection.
- Implemented multi-chain support, enabling users to lock crypto assets across Ethereum, Binance Smart Chain, Polygon, Fantom, Avalanche, and Arbitrum.
- Integrated Web3 authentication using MetaMask, Wallet Connect, and Coinbase Wallet to facilitate secure and seamless access to locked assets.
- Worked closely with blockchain developers to deploy and integrate smart contracts for secure and verifiable asset locking.
- Optimized gas fee efficiency by implementing Layer-2 scaling solutions and on-chain batching techniques.
- Ensured a smooth and responsive user experience by developing the front-end using React.js, TypeScript, and Web3.js.

EverRise Dashboard

Description:

The EverRise Dashboard provides a comprehensive representation of the RISE token's value across multiple blockchain networks, enabling users to track real-time token valuations and conversions. The platform integrates cross-chain data to offer seamless insights into price fluctuations, liquidity, and market trends, ensuring users have accurate and transparent financial metrics.

Roles & Responsibilities

- Representation of RISE token value in different chains and its conversions.
- Engineered a comprehensive EverRise dashboard that visualized RISE token values across multiple blockchains, enabling seamless conversions and enhancing user decision-making.
- Developed and optimized the dashboard using React.js, TypeScript, and Web3.js to provide seamless and interactive user experience.
- Worked closely with backend developers. to integrate RESTful APIs, ensuring seamless data flow.

SKILLS

React JS,
HTML /CSS,
JavaScript / Typescript,
Chakra UI,
Tailwind CSS,
SASS/SCSS,
Blockchain Technology / Web3,
Git, GitHub,
Api Integration

EDUCATION

Bachelor of Technology

Annamacharya Institute of Technology and Sciences (AITS) • Hyderabad, India • 07/2019 - 08/2022

Diploma

TKR College Of Engineering and Technology • Hyderabad, India • 07/2016 - 08/2019

Languages

- English
 - Telugu
 - Hindi
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