

Rylan McNeil

Frontend Developer

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Summary

Frontend developer with 3+ years of experience building accessible, high-performance web applications and decentralised applications (dApps) in the blockchain space. Skilled in React, Next.js, TypeScript, Tailwind CSS and modern UI libraries. Active in Web3 since 2020, designing and building applications and protocols across DeFi, NFTs and RWA tokenisation—including smart-contract integration, wallet/connect flows, and on-/off-chain data. Focused on creating intuitive user experiences with particular attention to clean UI design and engaging user interactions while writing maintainable, high-quality code.

Experience

ANZ Banking Group (Contractor)

July 2023 - Present

Frontend Developer

Melbourne, Victoria

- Designed and developed 2 end-to-end features enabling the tokenisation of corporate bonds and investment funds, creating user flows in Figma and building out the frontend components for the complete investment lifecycle from tokenisation requests and approvals through to marketplace trading and investor payouts
- Contributed to frontend migration from Svelte to React as the codebase scaled, porting core user flows, refactoring views into reusable components, and building custom hooks to standardise common patterns
- Implemented state management with Zustand and optimised data fetching using TanStack Query for caching and request de-duplication, improving user experience and performance across the platform.
- Implemented comprehensive unit testing with Jest, achieving 80% test coverage across the codebase while establishing testing practices to improve code reliability
- Upgraded existing UI components to modern design standards, adding polished animations, clear visual feedback, and responsive layouts to enhance user experience across desktop and mobile devices

Skills

Frontend

React, Next.js, JavaScript, TypeScript, Tailwind CSS, Zustand, TanStack Query

Web3

Solidity, Ethers.js, Wagmi, Hardhat, Foundry, GraphQL, OpenZeppelin, LayerZero, IPFS

Cloud & Hosting

AWS, Vercel

Version Control

Github, Gitlab

Design

Figma

Block Majority

Software Engineer

March 2023 - Present

Melbourne, Australia

Cross Chain Bridge

- Designed and developed complete cross-chain bridge interface from concept to deployment, creating user flows and wireframes in Figma before building responsive frontend components with smart contract integration
- Built a cross-chain transfer interface enabling token transfers between Sepolia and the Avalanche testnet (Fuji), with real-time transaction monitoring, progress indicators, network confirmations, and detailed transaction history

Asset Tokenisation Platform

- Contributed to the design and development of a marketplace platform enabling custom ERC-20 and ERC-1155 contract deployment, with configurable smart contract functions and intuitive interface for asset trading and management
- Built comprehensive dashboard for portfolio management, allowing users to track their tokenised assets, view transaction history, and monitor marketplace activity

AI Chatbot (Australian Super)

- Designed and built end-to-end chatbot interface with Auth0 authentication, collaborating with one backend developer to integrate APIs and create conversational UI components for automated super fund assistance
- Implemented user-friendly chat functionality with message history, document upload and conversation transcript download features, enabling users to save and reference their chatbot interactions

Education**Le Wagon****09/2022**

Full Stack Web Development Bootcamp