

Muhammad Roisul Adib

Frontend Engineer

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SUMMARY

Frontend Engineer with 3 years building DeFi interfaces and dApps on EVM-compatible networks. Shipped token swap, liquidity pools, and wallet integrations using React, TypeScript, Wagmi, and Viem, with hands-on experience connecting MetaMask and WalletConnect to live smart contracts.

SKILLS

Programming Languages: TypeScript, JavaScript, HTML, CSS, SQL

Frameworks/Libraries: React, React Native, Next.js, Vue.js, Node.js, Express.js, Nest.js, Tailwind CSS, Wagmi, Viem, Ethers.js

Web3: MetaMask, WalletConnect, EVM-compatible networks, Solidity (integration)

Developer Tools: Git, GitHub, Figma, VS Code

Languages: Bahasa Indonesia (Native), English (Intermediate)

EXPERIENCE

Full Stack Engineer

CV. Nusatech Development • Semarang

January 2023 – November 2025

- Built DEX interfaces for multiple clients on custom EVM-compatible networks, covering token swap, liquidity pools, and wallet integration.
- Implemented wallet connections (MetaMask, WalletConnect), token approval flows, and real-time on-chain feedback using Wagmi, Viem, and Ethers.js.
- Collaborated with blockchain engineers to integrate Solidity smart contracts, ensuring seamless user interaction with each client's protocol.
- Built cross-platform mobile applications for internal tools and client projects using React Native and Expo.
- Developed and maintained REST APIs using Express.js and Nest.js, supporting frontend features and blockchain integrations.

Frontend Engineer

PT. Digiasset Exchange Indonesia • Semarang

August 2022 – January 2023

- Worked with backend and design teams to deliver a seamless user experience.
- Built reusable UI components using React and TypeScript.
- Implemented trading features like charts, order books, and transaction history.
- Ensured app security with 2FA and XSS protection.

Web Developer

PT. Data Andalan Utama • Semarang

December 2021 – July 2022

- Built a Maserati user community site with Laravel 7.
- Developed and designed Tripwe's front page and admin dashboard using Vue.js.
- Supported backend API development using CodeIgniter 3.

PROJECTS

Digiasset — Cryptocurrency Exchange Platform

digiasset.vercel.app

TypeScript, React, Node.js, Chart.js

- Built full-featured crypto exchange UI including real-time market trends, trading charts, order books, and transaction history.
- Implemented 2FA security and XSS protection across authentication and account management flows.
- Developed multi-language and multi-currency support with dark/light mode toggle for improved user experience.

Coinlush — Cryptocurrency Price Tracker

coinlush-roisuladib.vercel.app

TypeScript, React, Next.js, Tailwind CSS

- Built a real-time crypto price tracker displaying top cryptocurrencies with market cap, 24h volume, and price change data.
- Implemented dynamic filtering by time period (1h to 5y) and configurable coin limit for flexible data exploration.

Blockytics — Ethereum Block Explorer

blockytics.vercel.app/blocks

TypeScript, React, Next.js, Tailwind CSS

- Built a real-time Ethereum block explorer displaying live block data including height, validator, gas usage, rewards, and burnt fees.
- Implemented block detail view with transaction breakdown and on-chain analytics across Ethereum mainnet.

EDUCATION

AMIK JTC Semarang

Associate's Degree of Informatics Management • GPA: 3.55 / 4.00

Sep 2019 – Sep 2022