Muhammad Roisul Adib

Frontend Engineer

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Summary

I'm a Frontend Engineer with over 2.5 years of experience, currently focused on Web3 development. My work revolves around building decentralized applications (dApps) with technologies like React, TypeScript, Ethers.js, and Viem. I've contributed to blockchain-based platforms, especially in the crypto exchange space, where I handled wallet integrations, real-time data, and secure transaction flows.

Education

AMIK JTC Semarang

Associate's Degree of Informatics Management

Sep, 2019 - Sep, 2022

Technical Skills

HTML5, CSS, Tailwind CSS, Typescript, React.js, Next.js, React Native, Vue.js, Express.js, Nest.js, Tailwind CSS, Wagmi.sh, Viem.sh, Ethers.js

Soft Skills

Collaboration, Problem-solving, Communication, Time management, Result-oriented

Additional Skills

Public Speaking, Writing, Research

Languages

Indonesia, English (Passive)

Work Experience

CV. Nusatech Development, Semarang Jan, 2023 - Present

Frontend Engineer

Blockchain Development & Consulting

- Building Web3 interfaces for decentralized applications, focusing on DEX features like token swap, liquidity pools, and wallet integration.
- Developing responsive and secure UI components using React, TypeScript, and Viem integrated with EVM-compatible networks.
- Handling wallet connections (MetaMask, WalletConnect), token approval flows, and on-chain transaction feedback using libraries such as Wagmi and Ethers.js.
- Collaborating with blockchain engineers to integrate smart contracts written in Solidity, ensuring seamless user interaction with the protocol.
- Optimizing user experience for real-time Web3 interactions, including gas fee estimation, slippage handling, and transaction confirmation status.

PT. Digiasset Exchange Indonesia, Semarang Aug, 2022 - Jan, 2023

Frontend Engineer

Cryptocurrency Exchange Platform

- 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.

PT. Data Andalan Utama, Semarang Dec, 2021 - Jul, 2022

Web Developer

A technology provider offering smart installation and technical solutions to businesses and organizations.

- 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.