

# Yash Chowdhury

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## EXPERIENCE

### FERE AI | SOFTWARE ENGINEER (FRONTEND)

May 2025 – Present

- Built and scaled frontend systems (**Next.js, React**) across UI and frontend infrastructure
- Developed agent-first product experiences with AI-driven workflows and evolving system state
- Designed UI systems to handle async workflows, partial results, and long-running processes
- Improved **Web Vitals (LCP, CLS)**, reducing load times by **20–30%**
- Built frontend testing systems to improve reliability and reduce production regressions
- Built complex integration flows across frontend systems, state management, and edge cases
- Contributed to backend API design and improved data flow across services
- Collaborated across frontend and backend to ship end-to-end AI-driven features

### CHAIN LABS | WEB3 FRONTEND ENGINEER

Jun 2024 – Feb 2025

- Built a production-grade Web3 authentication system (**Privy, Web3Auth, WalletConnect, NextAuth**)
- Implemented wallet creation, social login, and transaction signing flows across EVM applications
- Developed account abstraction infrastructure (**Biconomy Smart Accounts**) enabling gasless transactions
- Built proxy APIs and utilities to streamline interactions across frontend, backend, and smart contracts
- Improved transaction handling, verification, and blockchain data reliability across applications

### ZNS CONNECT | INTEGRATIONS ENGINEER

Dec 2023 – May 2024

- Built frontend features integrated with backend services and smart contracts
- Tested and reviewed smart contracts to improve security and correctness
- Developed blockchain indexing solutions and subgraphs for contract event monitoring, transaction tracking, and on-chain analytics
- Wrote scripts for oracles, migrations, and integration workflows supporting platform updates

## PROJECTS

### FLUIDITY | CONVERSATIONAL TOKEN STREAMING DAPP

- Built chat-based interface to manage Superfluid token streams via natural language
- Combined OpenAI intent parsing with secure wallet interactions for improved usability
- Abstracted complex smart contract logic behind a conversational UX
- Recognized in Superfluid Wavepool for advancing token streaming UX

### \$WAIRREN BOT | AI-POWERED DeFi BOT

- Built conversational AI bot simulating investor behavior on Base network
- Integrated Uniswap contracts and Tenderly for transaction simulation and debugging
- Built blockchain transaction workflows integrating wallets, smart contracts, and simulation infrastructure
- Developed as an experimental UX project exploring behavioral interaction in DeFi

*Also contributed to open-source at Huddle01, building chat interfaces for audio spaces.*

## SKILLS

**Frontend:** Next.js, React, TypeScript, JavaScript

**Backend:** Python, FastAPI, Node.js, REST APIs

**Performance:** Web Vitals, Optimization

**Web3:** Ethers.js, Wagmi, WalletConnect, MetaMask, Web3Auth, Biconomy, Solidity, Smart Contract Integration

**Tools:** Docker, Firebase, GraphQL, MongoDB