

FAIZUR RAHMAN

Senior Full Stack Developer | Node.js, Blockchain & AI Systems | Scalable SaaS Architect

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PROFESSIONAL SUMMARY

Full stack developer with 6+ years building fintech, blockchain, and AI products. Built payment systems handling 5,000+ transactions a day, multi-tenant SaaS platforms used by 50+ merchants, and a blockchain platform for fractional real estate tokenization, along with AI trading tools on LangChain and RAG pipelines. Comfortable across the stack, from Node.js and Next.js to Solidity smart contracts and newer AI tooling like MCP and the Vercel AI SDK.

EXPERIENCE

Senior Full Stack Developer — VTR Group

May 2025 – Jun 2026

- Built a fiat and USDT/crypto payment system in **Node.js, Express, and PostgreSQL**, processing 5,000+ transactions a day
- Designed secure **REST APIs** with **JWT authentication** and built the request-validation layer behind every transaction
- Built the trader-facing dashboard in **React, Next.js, Tailwind CSS, CSS/SCSS Modules and JavaScript/TypeScript** for real-time trade tracking, powered end-to-end by **WebSockets (Socket.io)**
- Cut **API latency** by ~35% using **Redis** caching on high-traffic endpoints, keeping the dashboard responsive under load
- Built **AI trade analysis tools** on **LangChain** and **RAG pipelines**, with a **React** interface for surfacing insights to traders

Full Stack, Blockchain & AI Developer — Smart Chain Technology

Oct 2021 – May 2025

- Built a multi-tenant SaaS payment gateway in **Node.js and Express**, used by 50+ merchants and processing thousands of transactions
- Built merchant-facing dashboards in **React, Next.js, Tailwind CSS, CSS/SCSS Modules, JavaScript/TypeScript and Redux Toolkit** for transaction monitoring, wallet balances, and payouts
- Designed a **microservices architecture** with **Docker** for transaction processing at scale
- Wrote and audited smart contracts in **Solidity** using **OpenZeppelin**, covering token, vesting, and access-control patterns
- Built multi-chain wallets covering both **EVM** and the **Cosmos ecosystem**, including the wallet-connect flows on the frontend
- Built **REST** and **GraphQL APIs** with optimized **MySQL/PostgreSQL** queries, and tuned gas usage on-chain to cut transaction costs
- Containerized everything with **Docker**, set up **CI/CD pipelines**, and wrote unit/integration tests with **Jest and Hardhat**

React & Backend Developer — Delimp Technology

Jan 2021 – Oct 2021

- Built **React apps** with **SCSS Modules and JavaScript**, **memoization and lazy loading**, plus reusable hooks and component patterns, to keep things fast
- Built **backend APIs** in **Node.js and Express** with secure integrations for the React frontend
- Added **MetaMask and WalletConnect support** in the UI for **Web3** wallet interactions
- Improved **performance** through API optimization and **caching**, cutting load times across key user flows

UI/UX Developer — TopYa!

Jun 2019 – Dec 2020

- Designed **responsive UI systems** with **Tailwind and SCSS** across web and mobile breakpoints
- Built **reusable React** component libraries for CMS platforms, speeding up delivery across projects
- Improved usability and accessibility across web and mobile, following WCAG-aligned practices

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, SQL, Solidity, Pine Script

Frontend: React, Next.js, Tailwind CSS, SCSS, Redux Toolkit, Context API, Zustand, Recoil

Backend: Node.js, Express.js, Hono, REST API, GraphQL, MySQL, MongoDB, PostgreSQL, Prisma, Drizzle, Microservices Architecture, Redis (Caching), RabbitMQ, BullMQ, Authentication (JWT, OAuth, better-auth), WebSockets (Socket.io), CI/CD Pipelines

Architecture & Infra: Turborepo (Monorepo), Multi-Tenant SaaS Architecture, grammY (Telegram Bot Framework), Worker Pool Patterns, Domain-First / Feature-Based Module Design

Blockchain: OpenZeppelin, Smart Contract Security, Gas Optimization, Hardhat / Foundry Testing, Cosmos SDK, IBC Protocol, CosmWasm, Envio Indexer, IPFS, ERCs/EIPs

AI & ML: MCP Server (incl. TradingView MCP), RAG Pipelines, Prompt Engineering, Vector Databases, LangChain, Vercel AI SDK, OpenRouter, GPT Model Integration, AI Chatbots, AI Automation, Multi-Agent Systems

Tools & Platforms: Git, Docker, AWS, Nginx, CI/CD, Convex, PayloadCMS, Coolify, Figma, Adobe XD, Cursor IDE / Claude Code

EDUCATION

Bachelor of Computer Applications

Indira Gandhi National Open University, India — 2022 – 2025

Advanced Diploma in Software Engineering

Wap Institute, India — 2018 – 2021

PROJECTS

Maxtrader — Multi-Tenant SaaS — White-Label Telegram Trading Bots

2026 – Present

- Multi-tenant SaaS that lets brokers launch their own white-label Telegram trading bot for their community
- **Built on a Turborepo monorepo** with **Next.js**, **grammy** for the bot, and **Hono** for the internal API layer
- **Multi-tenancy runs through better-auth's organization plugin**, one organization per broker
- **Background jobs and queues** handled with **BullMQ** and **Redis**
- **Built the broker-facing Gateway dashboard** in **Next.js** and **Tailwind CSS**, with a custom light/dark theme system
- Built to scale horizontally across brokers, with each bot instance kept isolated

Orqpay — Stablecoin Payment Gateway for Businesses

2026 – Present

- Stablecoin payment platform letting businesses accept USDC/USDT via hosted checkout and pay out to customers, partners, or suppliers
- **Built on EVM chains and Tron** with a **CREATE2** counterfactual deposit-address pattern, using native Solidity instead of OpenZeppelin's Create2.sol for Tron address compatibility
- **Single-key custodial model** with a **contract-enforced withdrawal-destination guard**
- **Multi-tenant merchant architecture** using **better-auth** with the organization plugin
- **Built the merchant dashboard** in **Next.js** and **Tailwind CSS** for invoicing, real-time balance tracking, and payouts, backed by a public API
- Per-chain finality strategies to handle confirmation differences across EVM chains and Tron

The Smart Menu — SaaS Digital Menu Platform

Jul 2024 – Jan 2025

- Multi-tenant platform for restaurants to run QR-based digital menus and contactless ordering
- Real-time menu updates for pricing, inventory, and items
- Built an analytics dashboard to track menu performance and customer behavior
- **Backend APIs** in **Node.js/Express** built to handle multiple tenants
- **Frontend** in **React**, **Next.js**, and **Tailwind CSS**
- Grew to 50+ restaurants and 250,000+ users

Aqar Chain — Blockchain Real Estate Tokenization Platform

Oct 2022 – May 2024

- Platform for fractional real estate ownership using tokenized assets (NFTs / security tokens)
- **Wrote and deployed smart contracts** with **Solidity** and **OpenZeppelin**
- **Built the frontend** in **Next.js**, with **Privy.io** embedded wallets for onboarding and **Nafath** KYC integration
- Built wallet integrations across multiple chains
- Backend APIs for asset management, ownership tracking, and transactions
- Optimized for gas efficiency on-chain and used **IPFS** for decentralized storage

Smart Meals — POS & Cloud Kitchen Platform

Sep 2024 – Nov 2024

- **Cloud-based POS** for restaurants and cloud kitchens, with real-time order tracking and role-based access (Admin, Staff, Kitchen)
- **Backend** in **Node.js**, **Express**, and **PostgreSQL**, with **Stripe/Network** billing integrations
- **Frontend** in **Next.js** with SSR dashboards tailored to each role: Admin, Staff, and Kitchen