

Abbas Ali Lokhandwala

Senior Full-Stack Software Engineer · TypeScript · React · Node.js · Web3 · AI

alokhandwala94@gmail.com github.com/abbasali1994 abbasalilokhandwala.vercel.app linkedin.com/in/abbasali94

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with **8+ years of experience** designing, building, and shipping production applications across fintech, blockchain, AI, developer tooling, and data-intensive platforms.

Strong end-to-end ownership across frontend architecture, backend APIs, database design, distributed data pipelines, third-party integrations, testing, observability, and deployment. Experienced with React, Next.js, TypeScript, Node.js, NestJS, PostgreSQL, GraphQL, Redis, Elasticsearch, Neo4j, ClickHouse, and Docker.

TECHNICAL SKILLS

Languages

TypeScript, JavaScript, Python, PHP, Dart, SQL

Frontend

React, Next.js, Redux Toolkit, Apollo GraphQL, Tailwind CSS, Bootstrap, D3.js, Flutter

Backend

Node.js, NestJS, Express.js, Symfony, REST APIs, GraphQL

Data

PostgreSQL, Neo4j, Elasticsearch, ClickHouse, Redis, Prisma, Knex, Firebase

Infrastructure & Quality

Docker, GCP, Vercel, BullMQ, Sentry, PostHog, PagerDuty, Playwright

AI / ML Integrations

Anthropic Claude API, Groq SDK, AWS Bedrock, AWS Textract, Tesseract OCR

Blockchain / Web3

EVM, Ethereum, Cosmos SDK/IBC, Solana, Bitcoin, Lightning, XRPL, Stellar, Cardano, CosmWasm

Wallet Integrations

MetaMask, Keplr, Ledger, WalletConnect, Crossmint

PROFESSIONAL EXPERIENCE

Software Engineer — Stablecoin Security firm

Jul 2023 – Present

Blockchain Security & Risk Intelligence

- Migrated a core investigation platform's data layer to Neo4j and Elasticsearch and added multi-chain balance support across XRPL, XRPL EVM, Solana, Cosmos, and ZigChain.
- Built a cross-chain bridge indexing and reconciliation pipeline covering 20+ bridge protocols across 15+ chains, including IBC transfer exploration and unified payments indexing.
- Improved high-volume API performance by routing large transfer workloads to ClickHouse and implemented multisig/Safe account risk classification across multiple ecosystems.
- Built a cross-chain swap product from a blank repository with EVM/Solana wallet connectivity, transaction hooks, and pre-execution recipient risk screening.
- Shipped wallet payment links, support tooling, PagerDuty integrations, Cosmos indexing, and Playwright end-to-end coverage.

Software Engineer — Fetch.ai / ASI Alliance

Jan 2021 - Jun 2023

Blockchain, AI & Developer Platform

- Built production features for ASI Alliance Wallet / Fetch Wallet across browser and mobile environments.
- Implemented Cardano chain support, manual multisig signing and broadcasting, Chrome Side Panel messaging, MoonPay on/off-ramp integration, and arbitrary Cosmos chain support.
- Built Fetch Network Explorer features including ANAME search/registration/permissions and staking/validator flows.
- Led server-side rendering performance work and owned an internal ML discovery platform from schema and APIs through on-chain integrations and UI.

Web3 / Full-Stack Developer — Portal

Apr 2020 – Jan 2021

- Developed a multi-network browser wallet and worked with Bitcoin and Lightning development environments.
- Integrated secure smart-contract interaction flows into the browser extension.
- Built SDK functionality for cross-chain swaps between Bitcoin and Ethereum.

Freelance Software Engineer

2021 - 2026

Invoxa / Settlr · PortalDefi / Rafa · Advice-AI

- Built AI-powered OCR and document-analysis workflows using Claude, Groq, AWS Bedrock, and Textract.
- Developed financial product features including ledger integrations, exchange rates, options trading, real-time ticker updates, watchlists, notifications, and dynamic tax calculation.

Solution Engineer — Deqode

Oct 2019 – Dec 2020

- Led a 12-member frontend engineering team delivering dApps and browser extensions across Ethereum and Cosmos.
- Delivered responsive React interfaces from Figma and contributed to DeFi products including Sentiment.

Software Engineer — Amdocs

May 2017 – Sep 2019

- Developed automation and internal support tooling for AT&T billing infrastructure, focused on monitoring, maintenance, and operational efficiency.

ENGINEERING HIGHLIGHTS

Full-stack ownership

Schema, APIs, frontend UX, integrations, testing, and production operations.

High-scale data

PostgreSQL, Neo4j, Elasticsearch, ClickHouse, and Redis across transactional and analytical workloads.

Multi-chain systems

Ethereum/EVM, Cosmos/IBC, Solana, Cardano, Bitcoin, XRPL, and Stellar.

Wallet engineering

Transactions, staking, signing, hardware wallets, fiat ramps, multisig, and swaps.

AI integrations

Claude, Groq, Bedrock, Textract, and OCR in production workflows.

Production quality

Playwright, Sentry, PostHog, PagerDuty, Docker, rate limiting, and monitoring.

EDUCATION

Master of Technology — Computer Science

May 2013 – May 2017

Mediacaps University

AWARDS

- Smart-Ops Excellence Award — Amdocs
- Best Entry, Global Innovation Drive — Amdocs
- Best Newcomer Award — Amdocs