

Mohammad Anas

Backend / Full-Stack Engineer — Node.js · TypeScript · React

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Open to relocation and fully remote roles · 1 month notice period

Backend-leaning full-stack engineer with **3 years of production experience** across encrypted cloud storage, non-custodial crypto wallets, and e-commerce payments. Currently building the drive service backend for an end-to-end-encrypted file storage product with Node.js microservices in Docker, owning it end to end — API design, queues, CI/CD, and Nginx deployment.

SKILLS

Backend	Node.js, Express.js, REST API design, microservices, Redis, BullMQ job queues
Languages	TypeScript, JavaScript (ES6+)
Frontend	React.js, Next.js, component architecture, accessibility
Data	MongoDB, Redis · PostgreSQL
Infra	Docker, DigitalOcean Spaces (S3-compatible object storage), GitHub Actions CI/CD, Nginx, Git
Tooling	Testing (Jest, Mocha) · AI-assisted development — Cursor, Copilot, Claude
Web3	Multi-chain RPC, wallet key management, Moonpay, Transak

EXPERIENCE

CWC Technologies	Aug 2024 – Present
Software Engineer — Backend (Node.js, TypeScript)	Remote · Mohali, India

End-to-End Encrypted Cloud Storage Platform — Proton Drive-style product

- Own the **drive service backend** — file and folder APIs, **S3-compatible object storage** for file bytes, and metadata modelling for encrypted user storage.
- Build it as a containerised **Node.js microservice in Docker**, defining its API contract and boundaries against the other services so it stays independently runnable and deployable.

Non-Custodial Multi-Chain Crypto Wallet Extension

- Architected secure state management and encrypted local storage for a browser wallet in TypeScript and React, including retry and fallback handling across multiple chain RPC providers.
- Integrated **Moonpay and Transak** fiat on-ramps end to end — KYC flows, payment onboarding, and transaction status — so users could buy crypto without leaving the wallet.
- Built encrypted key backup and restore flows and drove the security review of key-handling code across the extension.

Dropshipping E-commerce Admin Panel & Embedded Checkout

- Built authentication and checkout APIs, plus a reusable Next.js checkout iframe embedded across **5+ WordPress storefronts** from a single codebase.
- Added an asynchronous transactional email system on **Redis and BullMQ**, moving notification work off the request path into a retryable job queue.
- Set up **GitHub Actions CI/CD** and configured Nginx reverse proxy with TLS termination for zero-downtime production deploys.

Quadb Tech	Jun 2023 – May 2024
Junior Software Developer	

Decentralized House Rental Platform

- Designed **Express APIs** for media upload and integrated Motoko canisters on the Internet Computer for secure credential storage, alongside the platform's core React and TypeScript UI components.

EDUCATION

Master of Computer Applications — Chandigarh University	2023 – 2025
Bachelor of Computer Applications — PCTE Group of Institutes	2020 – 2023