

Cosmas Onyekwelu

Full-Stack Developer · MERN · Node.js · React · MongoDB

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Summary

Full-stack engineer focused on clean, scalable products. I build CRM systems, social platforms, and trading dashboards end-to-end—from API design and data modeling to secure auth and polished, accessible UIs.

Technical Skills

Languages: JavaScript, TypeScript, Python

Frontend: React, Vite, Tailwind, Zustand, TanStack Query

Backend: Node.js, Express, REST, WebSockets, MVC patterns

Data: MongoDB, Mongoose, Aggregations, Indexing

Security: AuthN/AuthZ, JWT, Cookies, TOTP/2FA, RBAC, Validation

DevOps: Git/GitHub, GitHub Actions (CI), Docker (basics)

Testing: Postman collections, smoke/contract checks

Tools: VS Code, ESLint/Prettier, GitHub Projects

Experience

Independent Full-Stack Developer • 2018–Present

- Designed modular REST services with clean MVC; added seeders/fixtures and migration-safe schemas.
- Implemented secure auth with cookies/JWT, optional TOTP/2FA, RBAC; added rate-limits and request validation.
- Built responsive React front-ends (Vite, Zustand, TanStack Query); delivered real-time UX via WebSockets.
- Set up CI checks (GitHub Actions) and Postman tests; maintained readable API docs and change logs.

Selected Projects

Zura CRM — Zoho-style CRM (leads, deals, quotes/invoices, docs, calendar). Stack: Node.js, Express, MongoDB, React.

TwitterPlus — X/Twitter-style social app: timelines, profiles, DMs (voice notes), robust auth, mobile-first UI.

RefTrader — Crypto trading dashboard with risk controls, auditability, and real-time telemetry. Node.js + React. Demo coming soon.

Education & Ongoing Learning

Continuous learning in systems design, data modeling, and performance profiling; Python scripting for automation; exploring Web3 integrations and React Native.