

Charles Omoregie

Senior Full-Stack Software Engineer (TypeScript / React / Next.js / Node.js / NestJS)

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PROFILE

Senior full-stack engineer with 7+ years building web products for fintech, automotive and healthtech companies, all of it remote and mostly across time zones. I've led frontend and backend teams, shipped MVPs for early-stage startups, and owned payment, billing and transaction systems that handle real money. My main stack is TypeScript with React and Next.js on the frontend and Node.js/NestJS with PostgreSQL on the backend, deployed on AWS or GCP with Docker and GitHub Actions. I also write Go for my own products.

PROFESSIONAL EXPERIENCE

Senior Frontend Engineer — Remote — Inheaden

Aug 2022 – Present

Darmstadt, Germany

- Led development of 8 web applications for fintech, automotive and healthtech clients; promoted to Frontend Engineering Lead within 4 months for my work on a healthtech project.
- Rebuilt Bloomwell's marketplace as an Nx, Next.js and Tailwind monorepo, used by thousands of customers a day across Europe.
- Led a three-person frontend team on the AutoPflegePartner dashboard, used by tens of thousands of dealerships and their customers.
- Architected a real-time, AI-powered labour market analytics dashboard with GPT-based reporting for nationwide workforce analytics; cut bundle size by 37%.
- Redesigned the company website, improving load speed by 47% and raising its SEO ranking (measured with Google Lighthouse).

Backend Engineer — Remote (Contract) — Jhool (Mantle EHR)

Feb 2023 – Aug 2023

Remote

- Backend engineer on an 8-person team building Mantle, an EHR for mental health professionals that now serves 200+ providers and has processed 100,000+ insurance claims and 112,000+ session notes.
- Owned the payment and billing feature behind Mantle's usage-based pricing: per-note charges across three service tiers, with no subscriptions or minimums.
- Built and documented (Swagger/OpenAPI) the REST APIs connecting the Node.js/Express and PostgreSQL backend to the web app, deployed on Google Cloud with Docker and tested with Jest and Mocha.

Backend Engineer — Remote (Contract) — Onboardbase

Apr 2022 – Jul 2022

Miami, FL, USA

- Maintained and extended a developer tool for secrets management and protection.
- Built a centralized authentication system connecting all of Onboardbase's developer tools.
- Worked directly with the CEO and a cross-timezone team on technical architecture decisions.

Backend Engineer — Remote (Contract) — Agromall Discovery and Extension Limited

Nov 2021 – Dec 2022

Lagos, Nigeria

- Led the backend engineering team and owned the fintech microservice responsible for all monetary transaction processing.
- Received a 25% pay raise directly from the CEO for improvements to the backend development process.

Consultant Frontend Engineer — Remote (Contract) — Sterling Bank PLC

Nov 2021 – Apr 2022

Lagos, Nigeria

- Built the client side of an e-commerce application integrated into the bank's platform, serving 1M+ active users.
- Owned most of the team's shared React components and custom hooks, and contributed to key architecture decisions.

Full-Stack Engineer — Remote — Canary Tech Limited

Dec 2020 – Mar 2022

Lagos, Nigeria

- Led the team that built a B2B agency banking platform, which processed over \$2M in transactions in its first 3 months.
- Built shared React components and hooks that cut unnecessary re-renders, improving application performance by 26%.
- Delivered an administrative platform on React and Node.js that strengthened platform security.
- Improved Agile/Scrum delivery, reflected in a 5x improvement in project manager performance reviews.

Blockchain Developer — Remote (Contract) — GreenAnt

Mar 2021 – May 2021

The Hague, Netherlands

- Contributed to an NFT smart contract in Solidity for a farming biocontrol platform.

Full-Stack Engineer — Remote (Freelance) — CryptoJumbo

Dec 2020 – Apr 2021

Lagos, Nigeria

- Delivered a real-time cryptocurrency transaction flow with live token pricing as part of a 5-engineer team.
- Built mobile-responsive UIs with Chakra UI from design prototypes, and added route-based code splitting with React lazy loading, improving performance by up to 66%.

Full-Stack Developer — Remote (Freelance) — Bahrandia

Jun 2020 – Sep 2020

Lagos, Nigeria

- Launched the MVP of an agro-tech investment platform that processed over \$100,000 (NGN-USD equivalent) across thousands of users, iterating with the product designer and client on feedback.

Frontend Engineering Lead — Remote (Freelance) — Crypcentra

Jun 2018 – Nov 2020

United Kingdom

- Led the frontend team building a cryptocurrency coin screener that helped the company secure \$305K in funding.
- Worked with management and product on the roadmap and technical decisions.

Software Engineer — Remote — Cloudware Technologies

May 2018 – Jul 2019

Ibadan, Nigeria

- Maintained the company's legacy SMS platform (CloudSMS), led the redesign of its web hosting product (CloudHost) and led the design of a custom payment solution (PactPay).

PRODUCTS — OMAREON LABS LIMITED (FOUNDER)

TradeScour — trading journal SaaS. *Next.js, NestJS, GraphQL, PostgreSQL, TimescaleDB*

- Designed a balance-transaction ledger, broker integrations (MetaApi, MT4/MT5), time-series storage on TimescaleDB and security middleware (rate limiting, input sanitization, Helmet).
- Set up CI/CD with GitHub Actions, Turborepo and Vercel, plus the testing setup (Vitest, integration tests for GraphQL resolvers).

Quashly — file-compression SaaS. *Go, Next.js*

- Built the compression backend in Go with a Next.js frontend monorepo; designing a CLI and desktop client on the same engine so users can compress files locally.

EDUCATION

B.Sc. Physics — *University of Benin, Benin City, Nigeria*

2017 – 2021

- Organized mentorship programs for junior software developers.

SKILLS

Languages: TypeScript, JavaScript, Go, SQL, Solidity**Frontend:** React, Next.js, React Native, Vue.js, Tailwind CSS, shadcn/ui, SCSS, Nx, Redux, Redux-Saga, Zustand, Vuex**Backend:** Node.js, NestJS, Express, GraphQL, REST, OpenAPI/Swagger, microservices, RabbitMQ**Databases:** PostgreSQL, TimescaleDB, MongoDB, Prisma, TypeORM, Firebase**Cloud & DevOps:** AWS, Google Cloud Platform, Docker, CI/CD (GitHub Actions), Turborepo, Vercel**Testing & tools:** Jest, Mocha, Vitest, Cypress, Git (GitHub, GitLab, Bitbucket), Jira, Trello, Figma**Ways of working:** Team leadership, mentoring, Agile/Scrum, async and cross-timezone collaboration