

TOBECHUKWU ONUEGBU

Senior Frontend Engineer · React, React Native, TypeScript
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SUMMARY

Senior frontend engineer with 9 years building production web and mobile applications across fintech, payments, logistics, and CBDC infrastructure. Currently leading frontend on a regulatory and digital-currency platform used by 6+ central banks across Africa and the Caribbean, while concurrently serving as a lead engineer on a North American logistics SaaS. Deep React, React Native, and TypeScript specialty with a strong UI/UX sensibility and a track record of shipping complex products end-to-end.

EXPERIENCE

Senior Frontend Engineer — EmTech

Dubai, UAE

May 2021 – present

- **Frontend lead on regulatory and CBDC tooling deployed across 6+ central banks in Africa and the Caribbean** — a digital sandbox where Financial Service Providers and regulators carry out licensing, compliance, and CBDC innovation work. Authored ~1,500 commits across the platform's core repositories.
- **Pioneered the team's Next.js and Vite migrations**, and set the frontend coding standards adopted across product repos. Led the frontend team through multiple architectural refactors, including a multi-PR sidebar rewrite that propagated across the product.
- **Owned the License Type configuration system end-to-end** — regulator-side setup, FSP-side compliance scoring, multi-file document upload with per-row progress, and an architectural rewire of the data model to resolve license-type vs. license-category drift.
- **Redesigned the FSP Dashboard and Manage Licenses experience** and introduced RTK Query cache-invalidation patterns on user mutations that became the platform's default approach.
- **Performance-tuned long-running services**: paginated previously unpaginated endpoints, sped up Keycloak authentication, and reduced build times across the platform.
- Served on the **frontend hiring panel** (reviewed candidate code assessments and made hiring recommendations to leadership) and delivered an internal tech talk on integrating Claude into the team's development workflow.

Senior Engineer (Contract) — Fleetops

Remote / Toronto

June 2022 – present

- **Lead engineer on the OEM / fleet onboarding product** (~63% of repo commits) — built the VIN-driven eligibility flow, Stripe-backed maintenance subscriptions, and partner-onboarding pipeline now live in production for major Class-8 truck manufacturers in North America.
- **Major contributor to the freight optimization platform** (Next.js + Nx monorepo, ~960 commits, second-largest contributor) — owned the DAT load-board API integration, the voice-AI call-transcripts feature, and Playwright E2E test gating in CI.
- **Core maintainer of the broker dashboard since launch** (2022) — shipped mobile-responsive load search, real-time carrier updates via Firebase RTDB + Socket.io, and Google Maps + Mixpanel-instrumented broker workflows.
- **Shipped the iOS / Android Hours-of-Service ELD app** (React Native + Expo, EAS builds) to the App Store and Google Play with in-app subscription billing, Auth0 authentication, and Datadog production monitoring.

Senior Engineering Consultant — Andela / Bookclub

Remote / Salt Lake City

Dec 2020 – Sep 2023

- Lead React Native engineer on Bookclub, a social app for book-club communities with an enterprise tier for corporate learning. Shipped to App Store and Google Play.
- Built a **live voice chat-room feature powered by Agora** — equivalent of Twitter Spaces for book-club discussions — across web and the iOS app.

Contract Mobile Developer — Seso Global

Remote / Lagos

2019

- Built the Seso property marketplace web and mobile apps from scratch — search, mortgage applications, and property-related services for the Nigerian market.

Senior Software Engineer — Interswitch Group

Lagos, Nigeria

Jan 2017 – May 2019

- Built consumer web and React Native mobile apps for **Quickteller**, Interswitch's pan-African consumer payments platform serving bill payments, airtime recharge, transfers, and Western Union money transfers across multiple African countries.

SIDE PROJECTS

TokenWiser · tokenwiser.app

Solo-built SaaS for AI spend intelligence — tracks API costs across OpenAI, Anthropic, Google, and Azure OpenAI in a single dashboard with budget alerts, trend analysis, and multi-method ingestion (CSV upload, webhook, manual). Free tier with paid Premium upgrade. **Stack:** Next.js, React 19, TypeScript, Supabase, Stripe + Paddle, PostHog.

Dev Weekly Digest · devweeklydigest.com

Solo-built SaaS that turns an engineering team's weekly GitHub PR activity into branded stakeholder digests delivered by email — with reviewable previews and PDF export. Free tier with paid Pro upgrade. **Stack:** Next.js 16, React 19, GitHub App OAuth, Resend, Polar billing, @react-pdf/renderer.

SKILLS

Frontend: React 18/19 · Next.js 14/16 · React Native + Expo · TypeScript · JavaScript · Redux / RTK / RTK Query · Zustand · MobX · Tailwind + Radix (shadcn) · Material UI · Vite · Nx · Flutter / Dart

Backend & data: Node.js · NestJS · PostgreSQL · MikroORM · GraphQL · MongoDB · REST APIs

Infra & ops: AWS (ECS / RDS / S3) · Kubernetes · Docker · GitHub Actions · Bitbucket Pipelines · CI/CD

Integrations: Stripe · Paddle · Firebase · Auth0 · Keycloak / OIDC · DAT · Mixpanel · Datadog · PostHog · Resend

Testing & methods: Jest · React Testing Library · Cypress · Playwright · Mocha · TDD · Agile

EDUCATION

B.Sc. Computer Engineering — Covenant University, Nigeria

2010 – 2015

Computer Software Engineering — Free Code Camp

2015 – 2016