

Ifechukwu Kenechukwu Umeadi

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SUMMARY

Websites load faster and users stay longer after I handle them, 20% load time reductions and consistent 90+ Lighthouse scores are baselines, not targets. I build React and TypeScript interfaces that hold up under real conditions: offline sync, async edge cases, and production traffic. 3+ years of consistent delivery means I own the full cycle from Figma file to deployed product, without handholding.

TECHNICAL SKILLS

Core Stack: JavaScript, TypeScript, React.js, Next.js, Astro, Tailwind CSS, SCSS, Styled Components

State & Data Fetching: TanStack Query (React Query), Zustand, Redux, REST API Integration

Performance: Core Web Vitals, Lighthouse Auditing, Bundle Optimization, Code Splitting

Accessibility: WCAG 2.1, Semantic HTML, Screen Reader Compatibility

Animation: GSAP, Framer Motion (Motion), Complex UI Interactions

Offline-first: Indexed DB (Dexie), Local/Cloud Sync Architecture

Tooling: Vite, Webpack, Git, CI/CD Pipelines, Vercel, Figma

WORK EXPERIENCE

Frontend Engineer

Self-Employed • Abuja, Nigeria

2022 – Present

- Cut page load times by 20% across client projects through code splitting, image optimization, and font loading strategies, directly improving Core Web Vitals scores and site responsiveness.
- Built async data flows with reliable error and loading state handling, ensuring interfaces remained predictable under real-world network conditions, not just ideal ones.
- Consistently shipped production interfaces with 90+ Google Lighthouse scores across performance, accessibility, and SEO.
- Owned the full delivery cycle on every engagement: translating Figma designs into semantic, responsive React components, integrating REST APIs, and handling deployment.
- Retained clients through repeat engagements by consistently delivering to requirements without scope creep or missed timelines.

STEM & Coding Instructor

Ignite STEM Africa • Abuja, Nigeria

Nov 2021 – Nov 2022

- Designed and delivered a programming curriculum for over 100 learners using block-based coding tools, building foundational computational thinking from scratch.
- Developed the ability to explain technical concepts without jargon, directly improving client communication skills.

SELECTED PROJECTS

Papermrks

papermrks.vercel.app • Nov 2025 – Dec 2025

- Architected a local-first bookmarking application with bidirectional sync between Indexed DB and cloud PostgreSQL, implementing conflict resolution to maintain consistency across online and offline network transitions.
- Built for daily personal use but engineered to production standards; offline-first data access, predictable sync behaviour, and zero data loss across connection drops.
- Implemented power-user workflows including a command palette, bulk operations, and AI-assisted auto-tagging, prioritizing keyboard-driven interaction patterns over mouse-dependent user interface.

Vorcle

vorcle.vercel.app • June 2023 – Aug 2023

- Built a full-stack meeting productivity tool enabling teams to capture AI-generated summaries, transcripts, and structured action items, with integrations across Jira, Asana, and Trello.
- Implemented calendar-based event tracking, searchable meeting history, and automated email reports, reducing reliance on manual post-meeting documentation.
- Improved frontend performance through route-based code splitting, lazy loading of non-critical components, and bundle size reduction, cutting initial load time on the landing page.
- Integrated end-to-end subscription billing via Polar API, including secure checkout flow and subscription state management.

EDUCATION

Mathematics (Statistics)

Federal University of Technology, Minna, Niger state, Nigeria • 2016 – 2021

Relevant coursework: Statistical Computing, Algorithms, Data Analysis