

Ojo Ifeanyi Ukiwe

FRONT-END DEVELOPER | REACT, TYPESCRIPT, JAVASCRIPT | ACCESSIBLE, INCLUSIVE WEB APPLICATIONS

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Right to work in the UK; no sponsorship required. Open to on-site, hybrid or remote roles.

PROFILE

Front-end developer with almost five years' commercial experience building and maintaining production web applications in React, TypeScript and JavaScript in an Agile team, and an MSc in Computing. I work from the fundamentals up: semantic HTML, the DOM and how the browser behaves, CSS built on design tokens, and reusable components written for other developers to read and maintain. I have improved performance on an existing production platform, traced production-only failures to their root cause, write unit tests with Jest and Vitest in CI, review code, and have mentored three junior developers. Accessibility (WCAG 2.1 AA) is a specialism: my MSc research is a controlled experiment with 35 developers on how accessibility reports shape the fixes they make.

KEY SKILLS

JavaScript and the browser: JavaScript (ES6+), DOM APIs and event handling, Fetch and asynchronous code, Web Workers, debugging with browser developer tools, front-end performance (code splitting, lazy loading, asset optimisation)

CSS and components: CSS3, responsive and mobile-first layouts from Figma designs, Tailwind CSS with design tokens for colour, typography and focus states, reusable and accessible components, Bootstrap

React and TypeScript: React (hooks, Context API), TypeScript, Next.js (App Router), Svelte 5 and SvelteKit, Vite

Server-rendered applications: Object-oriented PHP 8 multi-page applications (sessions, authentication, PDO, JSON endpoints), Node.js and Express REST APIs, MySQL, PostgreSQL, MongoDB

Testing and quality: Unit testing with Jest and Vitest, tests run in GitHub Actions CI with branch protection, code review, production builds checked locally before release

Version control and ways of working: Git and GitHub (branches, pull requests, code review), Agile sprints, estimation, Jira, mentoring; AI-assisted development with every change reviewed and tested

Accessibility: WCAG 2.1 AA, semantic HTML, keyboard access and visible focus, colour contrast, ARIA (live regions, aria-pressed), accessible alternatives to complex widgets such as maps

EXPERIENCE

Front-End Developer and Technical Mentor | Exagorazo Global Ventures Ltd (Hybrid)

Mar 2021 – Nov 2025

- Built and maintained production web applications in React, TypeScript and Tailwind CSS in a multi-disciplinary Agile team of project managers, designers, back-end and Web3 developers.
- Turned UI/UX designs into responsive, reusable and accessible components, checking layouts across browsers and screen sizes.
- Improved performance on an existing e-commerce platform with code splitting, lazy loading and asset optimisation, contributing to a 60% reduction in page-load time and a reported 25% increase in conversion.
- Integrated RESTful APIs built by back-end colleagues, handling JSON data, loading states and errors in the interface.
- Spotted a production failure 48 hours before a client deadline and escalated it to the lead developer straight away; the client was kept informed, I applied the configuration fix and we delivered on time.
- Reviewed colleagues' code, estimated and delivered work in sprints, and coached three junior developers in debugging, developer tools and Git.

Customer Team Member (Part-time) | Co-op Food

Dec 2025 – Present

- Host the self-checkout area: help customers use the tills, sort out errors on the spot and explain the process patiently to people who find the technology difficult.
- Handle age-restricted sales responsibly, checking ID and following legal requirements and store policy.
- Rotate stock and keep shelves filled and well presented, so customers can find what they need.
- Praised by the Area Manager for excellent customer service; offered additional hours, with two stores requesting me.

Administrative Officer and IT Systems Analyst | Kuuk Nigeria Ltd (fuel station business)

Aug 2017 – Feb 2021

- Analysed operational workflows and moved paper-based records (daily pump sales, fuel stock reconciliation, deliveries and expenses) into Excel, with data entry forms and checks so figures were entered consistently.
- Wrote Excel VBA macros that combined daily sheets into weekly and monthly summaries with one-click reports, cutting manual reporting effort by 80%.
- Provided IT support across the business: hardware and software installation, printer and network troubleshooting, and system administration, keeping operations running.
- Designed and implemented a digital filing system to replace paper-based records, improving information retrieval by 60%.

- Produced data-driven reports and business insights to inform management decisions.
- Coordinated the flow of information between operations, sales and management teams.

SELECTED PROJECTS

North East Places: Accessible Map Application — *SvelteKit, Svelte 5, TypeScript, MapLibre GL JS, Tailwind CSS, Vitest, Vercel*

- Integrated MapLibre's imperative map API with Svelte 5 state, so a place list and the map stay in sync in both directions; markers, popups and camera movement are driven from shared application state.
- Diagnosed a production-only failure: tiles rendered in development but not after bundling, because the library's Web Worker path broke. Reproduced it in a local production build and fixed the cause with a Vite URL import and setWorkerUrl.
- Built the list as an accessible alternative to the map (buttons with aria-pressed, labelled search, results count announced with aria-live); search logic in a pure TypeScript function covered by Vitest unit tests.
- north-east-places.vercel.app | github.com/ifeanyiukiwe/north-east-places

WebAudit: Accessibility Auditing Tool (MSc) — *PHP 8.2 (OOP, PDO), MySQL, vanilla JavaScript, Chart.js*

- Server-rendered, multi-page PHP application: an object-oriented audit engine (DOMDocument and DOMXPath) runs 15 WCAG 2.1 AA checks on a web page and scores it out of 100.
- Data-heavy dashboard in vanilla JavaScript and Chart.js: score trends, issues by severity and audit-history tables; six-table MySQL schema with foreign keys and prepared statements throughout.
- Protected against server-side request forgery: only public http and https addresses allowed, private ranges blocked, every redirect re-checked. Became the basis of my dissertation, now being prepared for publication.
- github.com/ifeanyiukiwe/webaudit

Portfolio Website — *Next.js, TypeScript, Tailwind CSS*

- A small design-token system (colour, typography and focus tokens) with reusable components such as navigation using aria-current and external links with screen-reader text; keyboard and reduced-motion support throughout.
- <https://ojo-ukiwe.vercel.app/> | github.com/ifeanyiukiwe/portfolio

Padfect Store: Gaming E-Commerce Shop (MSc, highest-scoring project) — *PHP, MySQL, vanilla JavaScript, HTML5, CSS3*

- Server-rendered, multi-page shop with session-based authentication for customers and admins; PHP endpoints return JSON to vanilla JavaScript fetch calls for live search and cart updates without page reloads.
- github.com/ifeanyiukiwe/msc-ecommerce

Infinisculpt: Booking Platform for a Local Business — *React, Tailwind CSS, Node.js, Express, MongoDB, Vercel, Render*

- Built and launched, unpaid, a full website and five-step booking journey for a local beauty business, backed by a REST API with server-side slot generation and overlap checks to prevent double bookings.
- Admin area secured with bcrypt and JWT, a CORS allowlist, a health-check route and clear error responses; worked directly with the business owner to turn their requirements into features.
- infinisculpt.com

Foodash (in progress) — *Next.js, TypeScript, Tailwind CSS, Jest, GitHub Actions*

- Delivery app for corner shops built the way a team would: unit-tested postcode validation and a CI pipeline with branch protection and preview deployments.
- github.com/ifeanyiukiwe/fooddash

EDUCATION

MSc Computing, University of Sunderland (2026)

Diploma, Front-End Development (React Specialisation), AltSchool Africa (2024); Diploma, Front-End Development, Genesys Tech Hub (2024)

BSc Economics, Abia State University (2015)