Chibuike Maduabuchi - Software Design Engineer

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WORK EXPERIENCE

INDEPENDENT PRACTICE

Software Designer and Engineer

Remote - Enugu, Nigeria Decemeber 2024 - Present

- Built and deployed responsive web applications using React.js and Next.js, leveraging Server-Side Rendering (SSR) and Static Site Generation (SSG) to boost performance and SEO for client-facing platforms in fintech and e-commerce.
- Designed and implemented clean, accessible and responsive user interfaces for both web and mobile using Figma and Tailwind CSS, translating wireframes into scalable, production-ready Uls.
- Created dynamic components and interactive features such as live dashboards, modals, product filters, and real-time validations using Zustand for lightweight state management and React Hooks to handle complex interactions.
- Applied performance optimization techniques such as code splitting, lazy loading, and prefetching to reduce initial load times and improve Time to Interactive (TTI), especially on low-bandwidth devices.
- Used browser devtools and logging tools to debug and fix rendering, hydration, and state issues, ensuring a smooth and bug-free user experience across modern browsers.
- Worked with clients and product teams to understand technical and business requirements, translating them into performant solutions that improved user retention and engagement.
- Integrated API endpoints securely and efficiently using React Query, with attention to caching and fallback states for seamless UX.
- Developed cross-platform mobile applications with React Native and Expo, implementing navigation flows using Expo Router for modular, maintainable routing across screens while ensuring consistent UI behavior on both Android and iOS.
- Built mobile-specific interactive components such as infinite-scroll lists, bottom sheets, and in-app forms, applying performance optimizations like memoization and selective re-rendering to deliver smooth animations and responsive touch interactions.

KULIPAL TECHNOLOGIES LIMITED Product Designer

and usability across different screen sizes and devices.

Remote - Lagos, Nigeria January 2024 - May 2025

- Conducted in-depth user research through interviews, surveys, and usability testing sessions, uncovering key user pain points and behavior patterns that directly informed design decisions.
- feedback from both users and stakeholders. Led the end-to-end design of Kulipal's Branch Management feature within our mobile app from

Created interactive prototypes in Figma, rapidly iterating on user flows and interface elements based on

- wireframes to high-fidelity mockups focusing on clarity, accessibility, and minimizing cognitive load.
- visual consistency and responsive behavior across devices. Designed and tested mobile-responsive layouts for core web app features, optimizing for performance

Worked hand-in-hand with frontend developers to ensure high-fidelity implementation, maintaining

- Redesigned key web pages to align with updated user needs and brand direction resulting in improved clarity, engagement, and conversion metrics.
- Designed email notifications with clear hierarchy, responsive formatting, and strong call-to-action elements to increase user interaction and retention.

SELF-EMPLOYED Brand & Visual Designer

January 2019 - December 2024

Remote - Enugu, Nigeria

- Worked closely with startup founders to define and design comprehensive brand identities, including logos, typography systems, and color palettes, which led to a 25% increase in brand recognition within six months of launch.
- Illustrator and Photoshop, tailored for use across websites, social media, and product pages contributing to stronger brand consistency and visual impact. Designed email templates, banners, posters, and marketing visuals aligned with campaign goals,

Created engaging flat and isometric illustrations, custom icons, and branded visual assets using

- resulting in a 10% increase in open rates and improved campaign engagement across multiple client accounts. Used Figma to design and iterate on landing pages and marketing-focused web layouts, collaborating
- · Managed multiple marketing design projects simultaneously, delivering on tight deadlines without compromising quality, and maintaining a 100% client satisfaction rate across projects.

with developers to ensure responsive design and performance on all devices.

- Worked with local businesses and founders to redesign outdated websites, focusing on clarity, brand alignment, and user experience leading to increased time-on-site and improved conversion paths.
- decisions to support a 15% increase in user retention across key products.

Wireframing

Prototyping

Designed and optimized UI elements for web and mobile, incorporating marketing insights into design

BACHELOR OF ENGINEERING - CIVIL ENGINEERING University of Nigeria, Nsukka

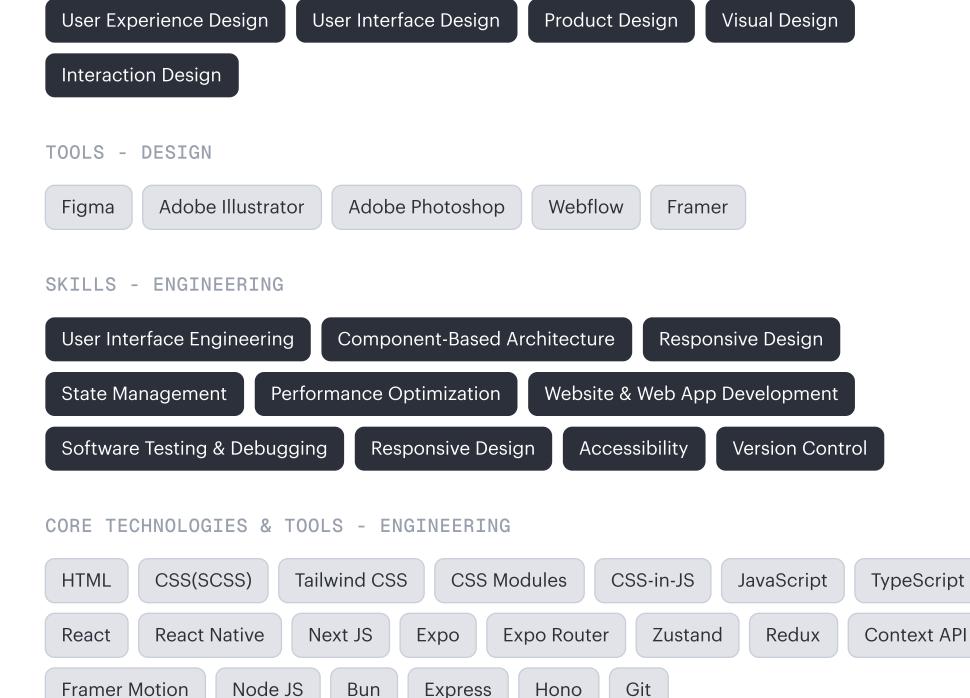
EDUCATION

Information Architecture

UI/UX DESIGN COURSE Checklearn Batch (Experienced)

User Research

SKILLS - DESIGN



FAMILIAR WITH

Sqlite Vue JS Pinia Postgres Web Sockets **Unit Testing PWA** SEO CI/CD

CERTIFICATIONS

JavaScript Essentials 1 (JSE) by Cisco Networking Academy in collaboration with OpenEDG JavaScript Institute (Link)