

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 UIs.
- 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

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.
- Created interactive prototypes in Figma, rapidly iterating on user flows and interface elements based on feedback from both users and stakeholders.
- Led the end-to-end design of Kulipal’s Branch Management feature within our mobile app from wireframes to high-fidelity mockups focusing on clarity, accessibility, and minimizing cognitive load.
- Worked hand-in-hand with frontend developers to ensure high-fidelity implementation, maintaining visual consistency and responsive behavior across devices.
- Designed and tested mobile-responsive layouts for core web app features, optimizing for performance and usability across different screen sizes and devices.
- 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

Remote - Enugu, Nigeria
January 2019 - December 2024

- 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.
- Created engaging flat and isometric illustrations, custom icons, and branded visual assets using 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, 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 with developers to ensure responsive design and performance on all devices.
- Managed multiple marketing design projects simultaneously, delivering on tight deadlines without compromising quality, and maintaining a 100% client satisfaction rate across projects.
- 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.
- Designed and optimized UI elements for web and mobile, incorporating marketing insights into design decisions to support a 15% increase in user retention across key products.

EDUCATION

BACHELOR OF ENGINEERING - CIVIL ENGINEERING

University of Nigeria, Nsukka

UI/UX DESIGN COURSE

Checklearn Batch (Experienced)

SKILLS - DESIGN

User Research

Information Architecture

Wireframing

Prototyping

User Experience Design

User Interface Design

Product Design

Visual Design

Interaction Design

TOOLS - DESIGN

Figma

Adobe Illustrator

Adobe Photoshop

Webflow

Framer

SKILLS - ENGINEERING

User Interface Engineering

Component-Based Architecture

Responsive Design

State Management

Performance Optimization

Website & Web App Development

Software Testing & Debugging

Responsive Design

Accessibility

Version Control

CORE TECHNOLOGIES & TOOLS - ENGINEERING

HTML

CSS(SCSS)

Tailwind CSS

CSS Modules

CSS-in-JS

JavaScript

TypeScript

React

React Native

Next JS

Expo

Expo Router

Zustand

Redux

Context API

Framer Motion

Node JS

Bun

Express

Hono

Git

FAMILIAR WITH

Vue JS

Pinia

Sqlite

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](#))

JavaScript Essentials 2 (JSE) by Cisco Networking Academy ([Link](#))