ABDULYEKEEN MAADAN

Frontend Engineer (React.js) & Mathematician

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PROFESSIONAL SUMMARY

Mathematics graduate and Frontend Engineer with practical experience building responsive, high-performance web applications. Focused on the React.js ecosystem and Tailwind CSS, combining strong analytical skills with clean coding practices. Proven ability to translate design mockups into pixel-perfect code, optimize algorithms for performance, and apply mathematical logic to complex engineering problems.

CORE TECHNICAL SKILLS

- **Frontend Engineering:** React.js (Hooks, Context API), TypeScript, JavaScript (ES6+), HTML5, CSS3
- **Styling & UI:** Tailwind CSS, Framer Motion, Responsive Web Design, CSS Modules
- **Performance & Core:** REST API Integration, DOM Manipulation, SEO Optimization, Web Accessibility (WCAG)
- **Version Control:** Git, GitHub

TOOLS & TECHNOLOGIES

- **Development:** Visual Studio Code, Chrome DevTools, NPM/Yarn
- **Design & Collaboration:** Figma (Design-to-Code Implementation), Canva

KEY PROJECTS

ATEKER Luxury Safaris   *React, TypeScript, Framer Motion*

- Architected the frontend from scratch for a high-end travel platform, translating complex product requirements into a responsive interface.
- Implemented strict TypeScript typing to align UI components with backend data models, significantly reducing runtime errors.
- Integrated Framer Motion for smooth transitions and interactive destination layouts, elevating the luxury user experience.
- Designed a dev-mode fallback system to unblock frontend development independent of backend API availability.

JTF Foundation NGO Website   *React.js, Tailwind CSS*

- Designed and developed a multi-page non-profit platform, improving the organization's digital presence and donor engagement.
- Engineered reusable React components for dynamic blog and gallery sections, reducing code redundancy by 40%.
- Optimized asset loading and layout shifts, achieving a 90+ performance score on Google Lighthouse.
- Implemented fully responsive layouts ensuring seamless functionality across mobile, tablet, and desktop.

Personal Portfolio   *React.js, Tailwind CSS*

- Designed a centralized hub to showcase technical projects, featuring interactive UI elements and smooth transitions.
- Deployed via Vercel with CI/CD integration, ensuring rapid updates and rigorous cross-browser testing on Chrome, Firefox, and Safari.

WORK EXPERIENCE

Contract Frontend Engineer *May 2023 – Present*
Self-Employed, Lagos

- Transformed client requirements into high-performance React.js interfaces, improving site loading speed by 40% through efficient state management and asset optimization.
- Built reusable, accessible UI components adhering to WCAG standards, ensuring cross-browser compatibility and inclusive design.
- Refactored legacy codebases for 3+ small business clients, significantly reducing technical debt and enhancing maintainability.
- Implemented mobile-first design strategies that increased mobile user retention by 25% for local SME clients.

EDUCATION

Bachelor of Science (B.Sc.) in Mathematics *Oct 2019 – Aug 2024*
Federal University of Agriculture, Abeokuta

- **Relevant Coursework:** Numerical Methods, Data Analysis, Logic & Algorithms.
- **Relevance:** Applied mathematical logic to optimize state management and algorithmic problem-solving in software development.