

# ABDULYEKEEN MAADAN

## Junior Frontend Engineer (React)

Lagos, Nigeria

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Portfolio: <https://maadan-portfolio.vercel.app/>

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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, 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

### WORK EXPERIENCE

#### STEM EDUCATOR (NYSC)

Jan 2025 – Dec 2025

Royal Brook High School (PPA)

- Leadership & Communication: Managed and instructed 100+ senior secondary students in Mathematics, simplifying complex abstract logic into digestible concepts—a skill applied to technical documentation.
- Data-Driven Instruction: Analyzed student performance data to identify learning gaps, adjusting teaching strategies to improve pass rates by 15%.
- Discipline: Balanced full-time teaching responsibilities while maintaining a freelance software development schedule during evenings and weekends

#### Contract Frontend Engineer

May 2023 – Dec 2025

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.

## 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.
- Link: <https://atekersafaris.ca/>

### JTF Foundation NGO Website

- Designed and developed a multi-page non-profit platform, improving the organization's digital presence and donor engagement.
- 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.
- Link: <https://www.jtffoundation.org/>

### 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.
- Link: <https://maadan-portfolio.vercel.app/>

## EDUCATION

### Bachelor of Science (B.Sc.) in Mathematics

*Oct 2019 – Sep 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.

## CERTIFICATIONS

- Responsive Web Design (FreeCodeCamp)
- NYSC Certificate of National Service
- Data Analysis with Python (AQskill)