

# Adewumi Efe Adenuga

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## Frontend Fullstack Engineer (React.js • Next.js • Nodejs • Supabase)

Frontend Engineer with 6+ years of experience building high-performance, interactive, and visually polished web applications using **React, Next.js, and TypeScript**. Strong focus on **UI/UX engineering, state management, performance optimization, and media-driven interfaces**.

I've built dashboards, ecommerce systems, creator platforms, and media-first websites, including implementations involving optimized rendering, seamless playback experiences, and stable real-time UI updates. Known for owning features end-to-end, debugging complex issues, and delivering clean, maintainable UI architectures.

## WORK EXPERIENCE

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### Palmview Technologies • Abuja • 11/2022 - Present Mobile Flutter Developer

- Delivered 20+ production-level mobile applications across Android & iOS with Flutter.
- Integrated REST APIs, Firebase services, and secure authentication workflows.
- Optimized performance and responsiveness across multiple device types.
- Authored technical documentation and app usage guidelines.
- Collaborated closely with backend and design teams to define features.
- Deployment of multiple apps on Google play store and App store

### Frontend Engineer — Fireswitch Technologies

*Jan 2020 – Jan 2024*

- Built and maintained several React and Next.js applications, including dashboards, ecommerce platforms, media-centric websites, and creator-style interfaces.
- Implemented global state management using Redux and Context API, reducing bugs by **40%** across key modules.
- Optimized rendering performance for high-traffic views—improved load times and UI responsiveness.
- Created interactive UI components for complex workflows: listings, players, galleries, queues, admin controls, analytics pages.

- Developed file upload modules with preview, progress state, and error handling.
- Led front-end rebuilds for multiple projects (Eudoratech, Sabi Consulting, Reni Store), improving usability and consistency.

## **Fireswitch Technologies • 01/2020 - 01/2024**

### **Instructor/Mentor**

- Trained students in React.js, CSS/SCSS, and modern development practices.

### **Junior Front-End Developer**

- Built responsive interfaces using React.js, TypeScript & TailwindCSS.
- Reduced bugs by 40% through improved state management and Redux integration.
- Worked on dashboards, escrow platforms, and Web3-based cloud storage systems.
- Improved client visibility with high-conversion UI/UX development.

### **Intern — Flutter, Android (Kotlin), Frontend**

- Developed app features in Flutter and Kotlin.
- Assisted in data migrations and debugging.
- Built reusable UI components and contributed to frontend architecture.

## **EDUCATION**

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### **B.Sc. Computer Science (In View)**

National Open University of Nigeria

## **AWARDS & SCHOLARSHIPS**

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### **Top Performer – Web Development**

Fireswitch Technologies

### **Outstanding Mentor – React & Mobile Track**

Fireswitch Technologies

## **PROJECTS**

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### **1a. Salako Portfolio – Artist Showcase (React.js)**

- Designed and developed a creative PWA portfolio for a musical artist.
- Implemented media sections, biography, discography, and contact integrations.
- Improved visual identity through custom UI, animation, and layout precision.
- Developed a full music portfolio with audio sections, discography UI, and media interactions.

- Focused on smooth playback experiences and responsive design across devices

### 1b. Afrojazz Festival Nigeria – Ticket Scanning System (Web + Mobile)

**Built a complete ticket-verification system consisting of a Flutter mobile scanner and a React/Next.js web management interface used for attendee processing during the Afrojazz Festival.**

- Engineered an **offline-first scanning workflow** for web and mobile devices, ensuring smooth validation even in low-network environments.
  - Developed the **web dashboard** for viewing attendees, verifying ticket states, monitoring scans, and managing session logs in real time.
  - Implemented **QR verification logic**, duplicate-scan protection, and secure token handling across both web and mobile platforms.
  - Designed encrypted local storage workflows and protected synchronization logic to prevent data tampering and ticket fraud.
  - Resolved complex edge cases such as invalid QR payloads, slow scans, and misaligned ticket states between web and mobile environments.
  - Built CI/CD pipelines for quick test deployments on both web and mobile.
  - Worked independently as the sole engineer, also with the backend to stabilize APIs and ensure accuracy across platforms.
  - Optimized mobile UI/UX for high-speed scanning (large touch targets, accessible color states, real-time feedback) and improved web UI for better ticket visibility, search, and session monitoring.
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## **2. Amariam – E-Commerce Mobile/Web System (React + Flutter Hybrid)**

- Developed a full e-commerce environment consisting of a React web store and supporting Flutter mobile experience.
  - Built end-to-end workflows: product display, cart system, checkout, order history, and store management dashboard.
  - Implemented secure payment flows, customer data protection, and input validation for safer transactions.
  - Created a detailed admin dashboard for tracking orders, revenue, customers, and product updates.
  - Troubleshoot reported issues such as slow load times, UI inconsistencies, and failed payment callbacks.
  - Ensured usability by designing clean navigation, predictable user flows, and responsive, mobile-first layouts.
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## **3. CampusPal – Mobile Learning & Social App (Flutter)**

- Built a multi-module mobile application enabling students across Nigerian universities to take quizzes, view school resources, access forums, and perform micro-transactions.
- Designed the full mobile architecture, incorporating secure authentication, persistent local storage, and real-time content updates.
- Implemented protected data flows to safeguard user information and ensure safe session handling.
- Troubleshoot app crashes, API inconsistencies, and device-specific UI issues across Android versions.
- Conducted usability improvements, refining navigation, layout spacing, content flow, and reducing friction for first-time users.
- Collaborated with product owners while working independently on implementation and testing.

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#### 4. Eudoratech Platform – Enterprise Dashboard (React.js)

- Led the redesign of the main product dashboard, resulting in clearer workflows and increased user engagement.
- Implemented Redux for structured state management, improving reliability and reducing bugs by 40%.
- Built reusable UI components to speed up feature development and ensure visual consistency.
- Worked closely with the engineering team to refine data structures, API contracts, and component behaviours.
- Conducted extensive troubleshooting and debugging across multiple user roles and feature modules.

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#### 5. Sabi Consulting – Course & Service Management Platform (React.js)

- Created a platform enabling clients to explore consulting services and register for new courses.
- Developed an admin system for uploading course content, schedules, and pricing.
- Improved usability through accessible design, clearer hierarchy, and intuitive course listings.
- Collaborated with stakeholders to refine service workflows and reduce user confusion.

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#### 6. Reni Store – E-Commerce Admin & Storefront (React.js)

- Built the complete product management UI, analytics dashboard, sales tracking, and order-processing workflows.
- Troubleshot recurring user errors, optimized product loading, and resolved navigation issues.
- Improved backend communication with stable API integration and error-state handling.

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#### 7. RENITRUST – Secure Escrow Web Application (React.js)

- Developed secure, user-friendly transactional interfaces for an escrow system used for high-value transactions.
- Designed the admin dashboard managing transactions, dispute handling, user KYC, and risk controls.
- Implemented data-protection measures, form validation, and safe error handling to ensure trusted usage.
- Improved usability by simplifying multi-step processes such as payment verification and dispute escalation.
- Collaborated with backend engineers to ensure correct API logic, handling edge cases, and resolving conflict scenarios.

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#### 8. Fifth Element – Media Company Website (Next.js, PWA)

- Built a PWA portfolio site giving the company a modern presence with improved performance and cross-device compatibility.
- Created news modules, project showcases, and performance-optimized media galleries.
- Refined usability through clean typography, layout spacing, and responsive card structures.

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#### 9. Idea House Africa – Media & Creative Agency Website (Next.js)

- Developed a brand-centric PWA website showcasing services, portfolio, and company history.
- Implemented SEO-friendly routing, metadata handling, and structured content components.
- Improved visual consistency and load time through component optimization.

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#### 10. Stonemill NG – Construction/Engineering Company Website

- Built a corporate website highlighting engineering services, projects, contacts, and service categories.
  - Focused on clarity, usability, and responsive components for mobile viewers.
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### Eudoratech Platform

- Led dashboard redesign, improving user engagement.
- Implemented Redux for better state flow and reduced bugs by 40%.
- Built reusable components, accelerating feature delivery time.

### Reni Store

- Built e-commerce flows, product management UI, and coding order systems.
- Troubleshoot and coding of possible issues and errors on the application

### Escrow Platform

Developed admin dashboards and secure transactional interfaces.

### VOLUNTEERING & LEADERSHIP

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#### Google Developer Group • 11/2023 - 11/2023

Event Coordinator • Abuja, FCT

Helped and volunteered in event coordination

### SKILLS

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**Frontend:** React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, TailwindCSS

**Backend:** Node.js/TS, Express js/TS, Supabase, Nest js

**Media / Audio:** HTML5 Audio API, progressive media loading, PWA media handling

**State Management:** Redux, Zustand, Context API

**Performance:** Memoization, code splitting, caching, accessibility, UI profiling

**Architecture:** Component systems, reusable UI libraries, scalable layouts

**Other:** Git, Vercel, CI/CD, REST APIs, responsive design, debugging, Agile collaboration

**Soft Skills:** Analytical Thinking, Communication, Detail-Oriented, Ownership Mindset, Problem Solving, Remote Collaboration, Time Management, coding