

# Adriel Babalola

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## PROFESSIONAL SUMMARY

Front-End Developer with 2+ years of experience crafting responsive, accessible, and high-performance web interfaces. Skilled in React, TypeScript, and Tailwind CSS, with strong UI/UX sensibility and hands-on experience using Figma for component design and prototyping. Adept at transforming complex ideas into intuitive, visually engaging interfaces. Known for improving engagement and delivering maintainable, scalable code that drives user satisfaction and performance across devices.

## TECHNICAL SKILLS

**Frontend:** React, TypeScript, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3, GSAP, Alpine.js

UI/UX & Tools: Figma, Responsive Design, Accessibility (WCAG), Component Architecture, Wireframing

**Backend (support):** Node.js, Express.js, PHP (Laravel), MySQL, RESTful APIs

**Other Tools:** Git, Docker, Postman, Vercel, Google Cloud, Azure

**Focus Areas:** Front-End Architecture | UI Optimization | Real-Time Interfaces | Performance Tuning

## PROFESSIONAL EXPERIENCE

### Federal University of Technology, Minna (CODEL) — *Front-End Engineer*

May 2025 – Present

- Built responsive, accessible user interfaces with Tailwind CSS, Alpine.js, and Laravel Blade templates.
- Collaborated with backend teams to design and consume RESTful APIs for dynamic content rendering.
- Improved navigation flow and interface responsiveness, resulting in higher student engagement.


### JAWOM Ministries — *Front-End Web Developer*

Oct 2024 – Present

- Designed and developed the official JAWOM website serving over 150+ active members.
- Integrated Paystack for secure online donations and offerings.
- Enhanced interactivity using GSAP animations and optimized page responsiveness.
- Achieved an average 30-minute user engagement time through improved UX design and clear navigation.
- Built and deployed an AI chatbot using Node.js for 24/7 visitor support.
- Website: [jawomhq.strengthformydays.com](http://jawomhq.strengthformydays.com)

## NASA Space Apps Challenge 2025 — *Frontend Developer, Genesis AI Web App*

April 2025

- Developed Genesis, an AI-powered web platform for exploring NASA's Space Biology datasets.
- Built the frontend with React + TypeScript + Tailwind CSS for responsive layout and dynamic search.
- Integrated AI models (Mistral-7B and Ollama) via a FastAPI backend for real-time query handling.
- Created visually clear data visualizations improving user accessibility to complex scientific information.
-  [Live Demo](#) | [GitHub](#)

## PROJECTS

### **Lofi Launch** — *Cross-Platform Music Player (Electron, Node.js, JS, HTML5, CSS3, GSAP)*

Built a desktop music player for offline local playback with drag-and-drop functionality and smooth GSAP animations.

Designed a minimal, responsive UI optimized for seamless user interaction and performance.

 [GitHub](#) | [Download App](#)

### **OrigamiOS** — *AI-Powered Productivity System (HTML, CSS, JS, n8n, OpenRouter API)*

Developed an AI-driven platform that prioritizes tasks, auto-generates schedules, and sends updates via Telegram and email.

Engineered modular JSON workflows and automated backend logic with n8n.

 [Live Demo](#) | [GitHub](#)

## EDUCATION

Federal University of Technology, Minna (FUTMINNA) — Niger State, Nigeria

B.Tech in Mechatronics Engineering | Expected Graduation: 2028

Relevant Coursework: Embedded Systems, Control Engineering, AI & Machine Learning, Software Engineering, Circuit Design, Web Technologies

## CERTIFICATIONS & AWARDS

- PLP Software Development Certificate (2024)
- NASA Space Apps Challenge 2025 — Genesis AI Knowledge Engine
- Cisco Cybersecurity Essentials Certificate (2024)
- MongoDB Basics Certificate (2025)
- Immerse Education Essay Award Winner (2024)
- BIEA International STEM Youth Finalist (2024)
- Future Leaders Awardee, BIEA STEM Competition (2025)
- Microsoft AI Agent Hackathon Participant (2025)