Mayowa Akinyede

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EDUCATION

University of Texas at Dallas — Richardson, TX
B.S. in Computer Science; Minor in Business Intelligence & Analytics — *Aug. 2024 – May 2027*
- GPA: **3.6/4.0** | Coursework: **Linear Algebra, Computer Architecture, Discrete Math**

TECHNICAL SKILLS

Languages: Java, C++, Swift, Lua, JavaScript, TypeScript, HTML/CSS, SQL
Frameworks: React, React Native, **Electron**, Node.js, Expo, Firebase
Libraries: Firebase SDK, Expo Router, Framer Motion, Reanimated, Axios
Developer Tools: Git, Figma, VS Code, Expo CLI
Concepts: Data Structures, Algorithms, OOP, **API Integration**, UI/UX, Fullstack Dev

EXPERIENCE

Frontend Software Engineer — Richardson, TX
Nocturne Dream Logger (ACM Projects) | React Native, Expo, TypeScript — *Jan. 2025 – May 2025*
- Led frontend development for a 12-week cross-functional project, designing scalable architecture, reusable UI components, and intuitive navigation to enhance user experience and maintainability.
- Engineered integration of **OpenAI GPT + DALL·E 3 APIs** for automated dream analysis, recurring theme detection, and AI-powered visual storytelling of user-submitted logs.

Best Buy - Geek Squad — Allen, TX
Technical Consultant Agent — *Dec. 2024 – May 2025*
- Diagnosed and optimized **50+ customer devices per week** including laptops and mobile systems, performing hardware replacements and OS reinstalls that extended device lifespan and enhanced service delivery.
- Collaborated with a cross-functional **10-agent team**, contributing to knowledge sharing and consistently maintaining a **95% satisfaction rating** at the No. 1 ranked Best Buy in North Texas.

PROJECTS

Navi (HackUTD25) | *Electron, Node.js, OpenAI, ElevenLabs, Gemini API* — Oct. 2025 – Present
- Engineered an **AI-powered desktop dashboard** using **Electron**, consolidating productivity tools (Spotify, Zoom) into a unified interface with system stat monitoring and voice-controlled app management via **PowerShell**.
- Integrated **GPT-4o (STT)** and **ElevenLabs (TTS)** for bidirectional voice interaction, alongside **NodeMailer** for email automation, **Spotify API** for media control, and **Gemini API** for document generation.

Crew Create | *React, Vite, Firebase* — Jun. 2025 – Present
- Developing a **fullstack collaboration platform** for indie game developers to share projects, communicate in real-time, and streamline workflows, featuring responsive UI and optimized state management.
- Implemented **Firebase authentication, real-time database, and monetization tools**, supporting secure user access, persistent project data, and integrated payment tracking for sustainable growth.

LEADERSHIP & INVOLVEMENT

ACM Community — UT Dallas
Logistics Officer — *2024 – Present*
- Organized **hands-on workshops** and socials with 50+ attendees, covering web/mobile development topics (React, Expo, CI/CD) to strengthen technical skills and peer collaboration.

FinTech — UT Dallas
Workshops Officer — *2024 – Present*
- Coordinated technical sessions on **blockchain, finance, and software engineering**, introducing students to emerging technologies and practical career applications through engaging events.

Residence Hall Housing (RHH) — UT Dallas
Peer Advisor — *2024 – Present*
- Hosted monthly community events and provided peer mentorship, fostering residential engagement, academic support, and a positive student living environment for all residents.

Additional Involvement: NSBE • InterVarsity • Anime Orchestra