

Al-ameen O. Olagunju

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SKILLS

Programming & Frameworks: JavaScript/TypeScript, React.js, [Next.js](#), Nestjs, React Native, HTML/CSS, SQL, Node.js, Express.js, PostgreSQL, MongoDB

Tools & Platforms: VS Code, Git/GitHub, Vercel, AWS, Tailwind CSS, Bootstrap, OpenAI API, Supabase

EXPERIENCE

[Zedu.chat](#)

Remote

Software Development Engineering Intern

Nov 2025 – Feb 2026

- Built polished real-time communication interfaces for video, audio, and screen sharing using Agora and Centrifugo, supporting **500+** concurrent users
- Extended a large production learning platform, reducing communication latency by **~30%** and enhancing synchronous class participation for **100+ active workspaces**
- Designed scalable 1-to-1 and group call workflows, improving live-class and discussion capabilities and increasing platform engagement by **20%**

PROJECTS

Shadow Save Bot – [GitHub](#), [Live Demo](#)

Remote

Solo Developer

Apr 2026 – Apr 2026

- Built and deployed a **Telegram bot** for watermark-free video and image downloads from TikTok, Twitter and Instagram, serving **real users** with **95%+** uptime.
- Designed a **provider-based architecture** in **NestJS** with dependency injection, enabling clean separation of platform-specific extraction logic and 1-line extensibility for new social media platforms improve open source maintainability.
- Built an in-memory **caching layer** with TTL expiration, lazy cleanup, and max-entry enforcement to prevent unbounded memory growth and reduce redundant upstream API calls by **~40%**

RecycLog AI – [GitHub](#), [Live Demo](#)

Remote

Team Lead

Jun 2025 – Jul 2025

- Delivered a **smart-city waste management dashboard** for a Nigerian **urban infrastructure** hackathon by leading a **team of 4** to build **real-time IoT** bin monitoring, heatmaps, and **AI-powered** waste classification, supporting operational decision-making for city planners
- Improved waste collection logistics planning by designing **interactive route optimization** visualizations and **data-driven insights**, enabling more efficient resource allocation across municipal operations

EDUCATION

Lagos State University, Ojo.

Lagos, Nigeria

B.S. in Computer Science

Expected Graduation, May 2028

- **Concentrations:** Software Development
- **GPA:** 4.78/5.00

LEADERSHIP AND ACHIEVEMENTS

HNG Internship — Frontend Team Lead

Remote

Team Lead

Aug 2025 – Dec 2025

- Led a frontend team in the HNG Internship program, coordinating feature delivery, code reviews, and UI architecture for a production-ready product
- Oversaw collaboration across 8+ team members, fostering best practices in React, JavaScript, and agile workflows
- Finished as a finalist in **HNG i13**, placing among the top **450** out of **12,362** participants (**~3.6%**) across both **Frontend** and **Backend** tracks
- Demonstrated consistency, leadership, and the ability to deliver under pressure throughout the program