

Aaliyah Junaid

Software Engineer

Address: Kaduna State, Nigeria

Portfolio: <https://aaliyahjunaid.com>

Email Address: hello@aaliyahjunaid.com

[Github](#)

[X](#)

[LinkedIn](#)

PROFILE SUMMARY

Software engineer with experience building web, mobile, and backend systems for startups and open-source projects. I design and build software from the ground up, with a focus on clean architecture, reliability, and code that is easy to maintain and extend. Comfortable owning a product end to end, from data models and APIs to polished user interfaces, and delivering production-ready software across fintech, healthcare, social, and Web3 products.

PROFESSIONAL EXPERIENCE

Mobile & Backend Developer (Independent Contractor)

Jan. 2026 - Present

[Baands](#)

- Develop the mobile app for Baands, an AI-powered personal finance app, in Expo and React Native.
- Design and build the NestJS backend from the ground up, including the data model, APIs, file storage, and background jobs with BullMQ and Redis.
- Implement secure authentication with Google and Apple sign-in, per-device sessions, and Argon2 password hashing.
- Structure AI features behind clean service boundaries, allowing the ML team to plug in real models without changes to the app or API.

Skills/Tech Stack: React Native, Expo, TypeScript, NestJS, Prisma, PostgreSQL, Redis, BullMQ, AWS S3.

Core Engineer & Technical Team Lead

Jan. 2026 - Present

[Sendzz](#)

- Lead the core engineering team, driving technical strategy and architecture for a cross-border payments platform live across seven EVM chains, Solana, and Stellar.
- Build gasless USDC transfers to any email address using Circle ERC-4337 smart accounts and a sponsored paymaster, with escrowed claim links for recipients who are new to Sendzz.
- Integrate fiat on-ramps and off-ramps, covering bank and mobile money corridors across Africa.
- Implement cross-chain USDC transfers with Circle's CCTP V2, alongside transaction security that includes single-use PIN approvals, passkeys, and extra verification on large transactions.

Skills/Tech Stack: Next.js, TypeScript, Supabase (PostgreSQL), Viem, Circle (ERC-4337, CCTP), Solana, Stellar, WebAuthn

Web3 Developer

Jan. 2024 - Present

Freelance

- Designed and implemented smart contracts and dApp architectures, focusing on secure and efficient on-chain interactions.
- Emphasized protocol design and system architecture, ensuring scalability and maintainability across decentralized systems.
- Conducted security-focused testing and optimization to improve contract safety and execution efficiency.
- Applied cross-chain development experience to inform better design decisions for Bitcoin-adjacent systems.

Skills/Tech Stack: Smart Contract Development, DApp Development, Blockchain Security.

Full Stack Web3 Developer (Independent Contractor)

July 2025 - April 2026

Evento

- Designed and developed core features for Evento, an open-source event-driven social platform.
- Architected and integrated a non-custodial **Bitcoin & Lightning Network** payment system using the [Breez SDK](#).
- Built out the Evento mobile app, matching the features, flows, and aesthetics of the web client.

Skills/Tech Stack: React/[Next.js](#), React Native, Nostr, Lightning Network.

Azana (Not yet live)

June 2025 - August 2025

- Developed the frontend and backend of **finance management software** from the ground up.
- Managed **deployment pipelines** and **CI/CD workflows** for client apps, server, and scheduled CRON jobs.

Skills/Tech Stack: React/Next.js, Golang, Echo, Redis, SQLC.

Full Stack Developer (Contract)

Nov. 2024 - Jan. 2025

Blare Technologies

- **Revamped UI** for multiple websites, **improving design consistency** and **user experience**.
- Delivered backend **feature upgrades**, **bug fixes**, and **system optimizations**.
- Oversaw **infrastructure setup** and **maintenance** on DigitalOcean.

Skills/Tech Stack: NestJS, ReactJS, NextJS, CI/CD, DigitalOcean.

Golang/Blockchain Developer

Oct. 2023 - Nov. 2024

Brainy Codelab

- Built and tested **Golang-based blockchain applications** and smart contracts.
- Designed frontend architectures, implemented reusable UI components, and integrated with backend APIs.

Skills/Tech Stack: Golang, Python, JavaScript, TypeScript, GraphQL, Solidity, Smart Contract Development.

Backend Developer

Feb. 2024 - Sept. 2024

Elite Love Lounge

- Developed backend services powering mobile and web apps using NestJS and PostgreSQL.
- Integrated **real-time chat functionality** via Socket.io.
- Deployed and managed applications on DigitalOcean, **overseeing DevOps operations**.

Skills/Tech Stack: TypeScript, NestJS, [Socket.io](#), Prisma, PostgreSQL, DigitalOcean.

Full Stack Developer

Sept. 2022 - June 2023

Medical Identification

- Contributed to the development of the company's web application.
- Contributed to backend API development in **Golang (Go Fiber + SQLC)**.
- Delivered an application that was **adopted by several hospitals and medical laboratories**, improving medical record management and accessibility.

Skills/Tech Stack: ReactJS, Next.js, Tailwind CSS, Golang, Go Fiber, SQLC, Backend API Development, RESTful API Design.

EDUCATION/CERTIFICATIONS

- | | |
|---|-----------------------|
| • Miva Open University, Nigeria, BS.C Software Engineering | 2026 (Ongoing) |
| • Northbridge College of Sciences, Kano
BS.C, Computer Science | 2024-2026 |
| • National Institute of Information Technology (NIIT), Kaduna
Diploma of Education, Software Engineering | 2021-2023 |

TECHNICAL SKILLS SUMMARY

Languages: JavaScript, TypeScript, Golang, Rust, Python

Backend: NestJS, Express, Node.js, Gin, Echo, Fiber, GraphQL, Microservices

Frontend: React/Next.js, Vue/Nuxt.js, Tailwind CSS, ShadCN UI, HTMX

Mobile: React Native, Expo

Blockchain & Web3: Bitcoin (Nostr, Lightning Network), Solana (Anchor, Rust), Smart Contracts, Circle (ERC-4337, CCTP)

Databases: PostgreSQL, MySQL, MongoDB, Redis, SQLite, Supabase

DevOps/Cloud: DigitalOcean, Docker, Kubernetes, AWS, Azure, Jenkins, CircleCI, CI/CD Pipelines

Other Tools: RabbitMQ, Socket.io, GraphQL, Git/GitHub/GitLab

PROJECTS

Here are some of the projects I've helped breathe life into:

- [Baands](#): An AI-powered personal finance app that helps people capture, understand, and talk to their money.
- [Sendzz](#): A cross-border payments app. Send USDC to anyone with just an email address, cash out to bank accounts and mobile money across Africa, and move money between chains, all without paying gas.
- [LightningQ](#): Built a Lightning-native platform for earning and completing tasks using Bitcoin micropayments. Integrated Lightning payments and Nostr-based identity mechanisms.
- [Evento](#): Evento is an open-source events platform for social coordination and economic activity. Create events, bring people together, and send or receive Bitcoin with a built-in wallet without asking permission.
- [Cellar](#): The future of Solana wallets.
- [Medusa](#): Contributed to an open-source smart contract fuzzer built in Golang.
- [Hustlebetter](#): Connect with skilled and trusted providers near you.
- [Elite Love Lounge](#): Discover Love. Build Lasting Relationships. More info at r4m.io.