

Aisha Aliyu

aysheraleeyu1@gmail.com | humairah.netlify.app | github.com/Aisha-Aliyu

Nigeria | NYSC Service Year 2026 | Open to roles in Nigeria and remote

EDUCATION

Maryam Abacha American University of Nigeria

Kano, Nigeria

B.Sc. Software Engineering, First Class Honours, CGPA 3.52/4.00

2025

- A+ in Artificial Intelligence, Algorithm Design, Database Systems and Software Metrics. Final year project graded A+ (4.00/4.00).

EXPERIENCE

Frontend Developer

Sep 2024 – Aug 2025

iLearn Tech Hub

Kano, Nigeria

- Built and maintained React interfaces for a learning platform used by over 300 students, rewriting the component architecture so screens could be reused across course types.
- Cut initial page load using code splitting and lazy loading, and brought the interface up to WCAG 2.1 so students using screen readers could complete a full lesson.

Freelance Frontend and Full Stack Developer

Jan 2023 – Present

Self-employed, international clients

Remote

- Delivered 15 or more client projects for businesses in the United States, United Kingdom and Europe in React, Next.js, TypeScript and Node.js, handling the full cycle alone from database schema and API design through to deployment and handover.

Founder and Lead Developer

2025 – Present

Bloodline Technology

Nigeria

- Building AI systems for Hausa language storytelling, including a pipeline that turns oral folktales into narrated animated shorts using retrieval augmented generation and synthesised Hausa and English narration.

Industrial Training Intern (SIWES)

Feb 2023 – Jul 2023

National Centre for Artificial Intelligence and Robotics (NCAIR), NITDA

Abuja, Nigeria

- Six month placement at Nigeria's federal AI and robotics centre, graded A (3.75/4.00). Worked on web application delivery, blockchain technology and product design.

SELECTED PROJECTS

AuthKit | *Node.js, PostgreSQL, Redis, Passport.js*

- Authentication service with JWT refresh token rotation, Google and GitHub OAuth 2.0, TOTP two factor authentication, role based access control and Redis backed session management, with a full audit trail on every authentication event.

STRATUM | *React, WebSockets, Node.js, PostgreSQL*

- Real time monitoring dashboard streaming readings from 16 sensors over a WebSocket pipeline. Built the simulation engine, an interactive SVG floor map and a three tier alert centre with threshold based escalation.

DRIFT | *Next.js 14, TypeScript, PostgreSQL, Clerk*

- Browser shell running inside the browser: multi tab navigation, bookmarks, history, incognito mode and cross device sync backed by PostgreSQL.

Buddy AI | *JavaScript, NLP, MongoDB, PWA*

- Wellness progressive web app with mood tracking and sentiment analysis over free text entries. Final year capstone, graded A+, built offline first so it stays usable on an unreliable connection.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, Java, HTML5, CSS3

Frontend: React, Next.js, Tailwind CSS, responsive design, WCAG 2.1 accessibility, performance optimisation

Backend: Node.js, Express, FastAPI, REST API design, GraphQL, WebSockets

Databases: PostgreSQL, MongoDB, Redis, Prisma, Firebase, schema design

Tools and infrastructure: Git and GitHub, Docker, GitHub Actions, CI/CD, Vercel, Netlify

Also: OAuth 2.0 and authentication design, natural language processing, Unreal Engine 5. Hausa (native), English (fluent)