

SAMUEL IKOLI

Software Developer
ayibanimiikoli@gmail.com
GitHub | Portfolio | LinkedIn

EDUCATION

Nile University of Nigeria
Electrical and Electronics Engineering Bachelors
CGPA: 4.38

Abuja, Nigeria

EXPERIENCE

Afro Fashion Fuse | Full Stack Developer January 2025 - Present

- Developed a responsive frontend with Next.js 13+, TypeScript, and TailwindCSS, improving cross-device user experience and reducing UI load times by 30%.
- Built a parametric garment design studio with Fabric.js v6 that enabled real-time customization of SVG pattern blocks, increasing user design flexibility by 50%.
- Implemented a measurement-based scaling system that mapped garments to a standardized human avatars, ensuring consistent fit ratios across all laptop/desktop.pc screen sizes.
- Introduced anchor-based JSON metadata to align garment parts precisely, reducing manual adjustment errors and improving pattern assembly accuracy by 40%.
- Designed dynamic garment customization features (sleeve length, neck radius, slit depth), empowering users to tailor clothing designs to personal measurements.
- Enabled export of designs to PNG/SVG formats with JSON configs, allowing users to re-render designs or integrate with 3D previews for downstream workflows.
- Refactored codebase into reusable lib modules, streamlining development and cutting integration time for new garment types by 25%.

Lendsqr | Backend Developer Nigeria | December 2023 - September 2024

- Enhanced code quality through refactoring of legacy code with an emphasis on software engineering practices
- Led the migration of codebases from JavaScript to TypeScript, emphasizing object-oriented design and improving system security
- Debugged and optimized implementations by applying complexity analysis and best practices in software development life cycle
- Implemented new features to existing systems using innovative technologies and efficient algorithm design

Consummate Traders | Tech Support Abuja, Nigeria | September 2023 - December 2023

- Collaborated with the Technical team to ensure smooth operations, emphasizing effective use of data structures and software engineering practices
- Conducted investigations to enhance product quality and improve customer satisfaction through technology-driven solutions

Buzz.ng | Fullstack Software Developer Abuja, Nigeria | December 2022 - June 2023

- Lead a team to develop a cross-platform app with React-Native
- Utilized an SQL database to store app data
- Implemented endpoints with RESTful API's and CRUD operations Installed appropriate node packages where needed, to help with methods like, authentication, authorization, ORM to communicate with the database, e.t.c.
- Rendered screens on the front-end as was specified by the design. Installed appropriate packages on the frontend to help with development, like react-native maps, google autofill, expo, e.t.c.

SKILLS

Programming Languages:	Javascript, Python, C, GoLang, Java, Typescript
Libraries/Frameworks:	NodeJS, React, Angular, Fast API, Fiber, Django, Express, NextJS, ThreeJS
Tools / Platforms:	Git, VS Code, Linux, AWS
Databases:	SQL, MongoDB

PROJECTS / OPEN-SOURCE

HNG NodeJS, Javascript, Typescript, AWS, SQL, RabbitMQ, Deepgram

- Built the backend for a video recording chrome extension, which records, saves to a cloud and offers transcription services.
- Contributed in the implementation of CRUD API's for an event planning application and a job board platform, being a full-stack I also helped a few team mates to debug some errors in the mobile code.
- Created an AI AGENT for Retrieval Augmented Generation with Go leveraging on Lang-Chain and Gemini AI

Major League Hacking: Open Source, Career week, Hacktoberfest*NodeJS, Javascript, React, Python*

- Participated in a few hack weeks familiarizing myself with tech like auth0 by Okta, Google AI, RAG using MongoDB e.t.c.
- Contributed to open source technology like OMRchecker, Python-Programs, CO2.js, GreenSoftwareDirectory, e.t.c.