

Ashraf Aminu

Full Stack Software Engineer

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SUMMARY

Technical and results-oriented Software Engineer specializing in Frontend excellence with React.js and TypeScript. Proficient in building scalable Full Stack applications using Node.js, AWS, and modern database architectures. Proven track record of architecting reusable component libraries and integrating secure payment and Web3 protocols to solve complex business problems. Passionate about writing clean, maintainable code and optimizing system performance.

PROFESSIONAL EXPERIENCE

Engineering & Technology Intern - Noma Service Consolidated Ltd · Abuja April 2026 – Present

- Contributing to the development and maintenance of the **Thrum platform** .
- NOMA website development, maintenance, and performance optimization.
- Maintaining code repositories, technical documentation, and internal workflows..
- Managing system integrations, internal digital workflows, cybersecurity, and access control.

IT Support & Data Management Intern - Nigerian Shippers' Council · Abuja March 2025 – October 2025

- Spearheaded the development of a full-stack inventory management system, digitizing paper-based tracking and improving cross-departmental operational efficiency.
- Optimized database query performance, resulting in a 20% reduction in system latency and faster data retrieval.

Frontend Developer Intern · Comsoft - Abuja October 2024 – March 2025

- Architected and deployed a library of reusable React/TypeScript components, reducing UI development cycles by 20% and ensuring consistent design patterns.
- Engineered automated testing workflows using Jest/React Testing Library, increasing code reliability by 15% and decreasing production hotfixes.

EDUCATION

BSc Information Technology (Hons) · Lincoln University · Abuja Expected November 2026

Pursuing advanced topics in software engineering, cloud computing, database systems, and IT infrastructure.

ADSE & DISM · Aptech Computer Education · Abuja September 2022 – September 2024

Advanced Diploma in Software Engineering | Diploma in Information System Management

SKILLS

- **Frontend:** React.js, Next.js, TypeScript, Tailwind CSS, Redux, Figma, Responsive Design, Context API
- **Backend & Systems:** Node.js, Express.js, C#, Python (Django/Flask), RESTful APIs
- **Cloud & DevOps:** AWS (Amplify, Cognito, S3, CloudWatch), Google Cloud, Git/GitHub, Postman
- **Databases:** MongoDB, MySQL, SQL Server, Firebase
- **Specialized:** Web3 (Hedera), Payment Gateways (Monnify), Automated Testing (Jest)

PROJECTS

TicketProof — Web3 Event Ticketing Platform ticketproof.vercel.app

- Blockchain-based event ticketing platform using Next.js and Hedera, minting tickets as unique NFTs to prevent counterfeiting.
- Implemented secure wallet integration with HashConnect; React/TypeScript frontend, Next.js/Express.js backend, Firebase for data storage.

Circle Save — Rotational Savings Group Web App <https://circle-save.onrender.com>

- Full-stack web app for managing Rotational Savings Groups with Monnify payment integration and AWS services.
- Enables group creation, automated contributions, and secure KYC verification. Built with React/TypeScript, Node.js/Express.js, MongoDB, AWS Amplify (Cognito), CloudWatch, and S3.

Invora — Inventory Management System invora-demo.vercel.app

- Web-based inventory system with secure authentication, transaction filtering, and PDF/Excel report generation.
- Built with React/TypeScript frontend, Node.js/Express.js backend, and MongoDB for data storage and validation.

MIRAMAR-SG — Hotel Room Booking System miramar-sg.onrender.com

- Hotel booking web app for searching, reserving, and managing room bookings with efficient data handling and smooth UX.
- Built using HTML/CSS, Python and JavaScript for backend, and SQL for structured data storage.

CERTIFICATIONS

- [Diploma in Information System Management](#) — Aptech Learning, Abuja
- [Advanced Diploma in Software Engineering \(ADSE\)](#) — Aptech Learning, Abuja