

Bashir Olamide Gbadamosi

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Full-Stack & Web3 Software Engineer

Professional Summary

Results-driven Software Engineer with over 4 years of progressive experience architecting, developing, and deploying scalable web, mobile, and decentralized applications (DApps). Demonstrated expertise in the modern JavaScript ecosystem, specifically Next.js and React, coupled with robust backend engineering capabilities using Node.js and Python. Deeply passionate about Web3 infrastructure, smart contract security, and cryptographic protocols. Proven track record of conducting rigorous technical audits, optimizing system performance, and collaborating across cross-functional teams to translate complex business requirements into seamless, user-centric digital products.

Technical Proficiencies

- **Frontend Engineering:** React.js, Next.js, JavaScript (ES6+), TypeScript, Tailwind CSS, HTML5, CSS3, Redux/State Management, Responsive Design, UI/UX Implementation.
- **Backend & Cloud Architecture:** Node.js, Express.js, Python, RESTful API Design & Integration, Firebase, Relational & NoSQL Databases, System Architecture.
- **Web3 & Decentralized Systems:** Solidity, Smart Contract Development & Auditing, Ethers.js, Web3.js, Ethereum Transaction Lifecycle, Cryptography (Hashing, Zero-Knowledge Proofs), Decentralized Finance (DeFi) concepts.
- **Mobile Development:** React Native, Cross-Platform Application Architecture.
- **Tools & Methodologies:** Git/GitHub Version Control, Ubuntu/Linux Operating Systems, Agile/Scrum Development, CI/CD Pipelines, Performance Auditing, Web Analytics.

Professional Experience

Blockchain Developer (Internship) | *Blockfuse Labs*

Jan 2026 – Present

- Engineer and deploy immutable smart contracts utilizing Solidity, ensuring strict adherence to Web3 security best practices and gas optimization techniques.
- Integrate frontend interfaces with blockchain networks using Ethers.js and Web3.js, facilitating seamless user interactions with decentralized applications.
- Conduct in-depth research on advanced cryptographic concepts, including Zero-Knowledge Proofs (ZKPs) and secure hashing algorithms, to enhance data privacy and transaction verification processes on the Ethereum network.

- Collaborate with senior engineers to troubleshoot complex blockchain transaction lifecycles and node connectivity issues.

Full-Stack Engineer | Gyda

Jan 2026 – Present

- Architect and implement scalable backend APIs using Node.js and Python, ensuring high availability and rapid data processing for mobile and web clients.
- Develop dynamic, high-performance frontend interfaces utilizing Next.js and React, resulting in significantly improved load times and a highly responsive user experience.
- Design and optimize database schemas to ensure secure data flow, minimal latency, and robust system architecture across all internal and external platforms.
- Implement comprehensive state management solutions and reusable component libraries to accelerate future development cycles.

Frontend Engineer | CorestreamNG

Jul 2022 – Dec 2025

- Spearheaded the end-to-end development of multiple responsive, accessible web applications from initial wireframes to production deployment.
- Translated complex Figma UI/UX designs into pixel-perfect, interactive frontend components using React and Tailwind CSS.
- Integrated diverse third-party REST APIs and payment gateways, streamlining complex business logic into intuitive user interfaces.
- Optimized legacy codebases by identifying rendering bottlenecks, reducing bundle sizes, and implementing lazy loading, which collectively enhanced overall application performance metrics.

Education

Bachelor of Technology (B.Tech) in Computer Science

Abubakar Tafawa Balewa University (ATBU) | 2022 – 2027

- **Relevant Coursework:** Data Structures and Algorithms, Software Engineering Principles, Cryptography, Database Management Systems, Object-Oriented Programming, Operating Systems.