

Bashir Olamide Gbadamosi

Full-Stack & Web3 Software Engineer

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PROFESSIONAL SUMMARY

Full-Stack and Web3 Software Engineer with 4+ years of experience building and deploying scalable web, mobile, and decentralized applications (DApps). Expert in React, Next.js, TypeScript, Node.js, and Python, with hands-on Solidity smart contract development, Ethers.js/Web3.js integration, and React Native/Expo mobile delivery. Strong background in technical auditing, performance optimization, and cross-functional collaboration, turning complex business requirements into reliable, user-centric products. Passionate about Web3 infrastructure, smart contract security, and cryptographic protocols.

TECHNICAL SKILLS

Frontend: React.js, Next.js, JavaScript (ES6+), TypeScript, Tailwind CSS, HTML5, CSS3, Redux, State Management, Responsive Design, UI/UX Implementation

Backend & Cloud: Node.js, Express.js, Python, RESTful API Design & Integration, Docker, Firebase, SQL & NoSQL Databases, Database Schema Design, System Architecture

Web3 & Blockchain: Solidity, Smart Contract Development & Auditing, Ethers.js, Web3.js, Ethereum Transaction Lifecycle, Gas Optimization, Cryptography (Hashing, Zero-Knowledge Proofs), DeFi

Mobile: React Native, Expo, Cross-Platform Architecture, Native Module Integration, Push Notifications, Offline-First Data Sync, App Store & Play Store Deployment, Mobile Performance Profiling

Tools & Methodologies: Git, GitHub, Linux (Ubuntu), Agile/Scrum, CI/CD Pipelines, Performance Auditing, Web Analytics

PROFESSIONAL EXPERIENCE

Blockchain Developer | Blockfuse Labs

Jan 2026 – Present

Contract | Hybrid

- Engineered and deployed immutable Solidity smart contracts, applying Web3 security best practices and gas optimization techniques.
- Integrated frontend interfaces with blockchain networks using Ethers.js and Web3.js for seamless user interactions with DApps.
- Researched advanced cryptographic concepts, including Zero-Knowledge Proofs (ZKPs) and secure hashing, to improve data privacy and transaction verification on Ethereum.
- Collaborated with senior engineers to troubleshoot blockchain transaction lifecycle and node connectivity issues.

Software Developer | Women Research Resource Network

Jan 2025 – Present

Freelance | Remote

- Developed and maintained core digital platforms supporting research initiatives and community engagement.
- Implemented accessible, user-friendly features ensuring broad usability and robust performance across devices.

Full-Stack Engineer | Gyda

Jan 2026 – May 2026

Full-time | Remote

- Architected scalable backend APIs with Node.js and Python, ensuring high availability and rapid data processing for mobile and web clients.
- Built high-performance Next.js and React frontends, significantly improving load times and responsiveness.
- Designed and optimized database schemas for secure data flow, minimal latency, and robust system architecture.
- Implemented state management solutions and reusable component libraries to accelerate development cycles.
- Built and maintained cross-platform React Native and Expo mobile clients that share business logic with the web codebase, cutting feature-delivery time.
- Integrated native device capabilities (camera, push notifications, secure local storage) and managed over-the-air updates and App Store/Play Store releases.

Full-time | Hybrid

- Led end-to-end development of multiple responsive, accessible web applications, from wireframes to production deployment.
- Translated complex Figma designs into pixel-perfect, interactive components using React and Tailwind CSS.
- Integrated third-party REST APIs and payment gateways, turning complex business logic into intuitive user interfaces.
- Optimized legacy codebases by resolving rendering bottlenecks, reducing bundle sizes, and implementing lazy loading to improve application performance.