

Gray Ukaegbu

Software Engineer

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Results-driven Software Engineer with 5+ years of experience delivering scalable, high-performance applications and leading cross-functional teams.

Work Experience

Lead Software Engineer

Aug 2024 - Present

Mavik Labs | United States

- Built and maintained the BossBlock Telegram Mini App using React and Telegram API, increasing system uptime by 25% and improving user session duration by 35% through enhanced performance optimization.
- Reduced API response time by 30% in 3 months by testing GraphQL and PostgreSQL queries and implementing caching with Redis.
- Launched 15+ new product features within 12 months, contributing to a 25% increase in Net Promoter Score (NPS).

Co-Founder & CTO

Feb 2024 - Present

Betterspace | Remote

- Architected and led the development of a scalable cloud infrastructure using AWS and Docker, enabling 99.9% system uptime and supporting a 5x increase in user traffic within the first year.

Mobile Application Developer

Feb 2023 – Feb 2024

Betterspace | Remote

- Developed high-performance React Native applications with 40% faster load times and seamless cross-platform compatibility.
- Architected real-time messaging infrastructure using RabbitMQ message queuing with Supabase database integration, achieving sub-100ms message delivery across 15+ channels and improving system throughput by 60% with 99.8% uptime and zero message loss during peak operations.
- Implemented advanced state management using Redux Toolkit, improving application stability and developer productivity by 30%.
- Integrated RESTful and GraphQL APIs, enhancing data synchronization and reducing network overhead by 25%.

Full-Stack Developer

May 2017 - Feb 2023

Government of Nigeria - Lagos State

- Optimized invoice processing automation, reducing manual work by 65% monthly and improving government efficiency for 500+ users.
- Mentored 10+ junior developers in React and accessibility best practices, improving team code quality by 40%.
- Implemented robust state management using Redux Toolkit, Redux Thunk, and Redux Persist for enterprise applications.
- Accelerated internal reporting speed by 20% through efficient RESTful API integration and database optimization.

Core Skills

React Native, Redux, Figma, Next.js, Artificial Intelligence (AI), Python, Node/Express.JS, TypeScript, React, Git, Jira, Jest, socketIO, PostgreSQL, MongoDB, Docker, AWS, NodeJS, RabbitMQ, Redis.

Education

University of Jos

Sep 2009 - Jul 2014

BSc. Microbiology Microbiology, General

Oracle

National Institute of Information Technology

Oracle SQL Expert

Sep 2014 - April 2017

Project

BossBlock Gaming Platform

Aug 2024 - Present

Lead Developer

Developed a scalable Web3 gaming platform on Telegram with real-time multiplayer capabilities, improving game session stability by 40% and reducing latency by 200ms through optimized state synchronization.

React • Telegram API • WebSocket • Redis

Enterprise Invoice Automation

May 2017 – Feb 2023

Full-Stack Developer

Government-grade automation system processing 1,000+ invoices monthly with 99.5% accuracy rate and seamless integration.

React • Python • Django • PostgreSQL