

George Okafor

Fullstack Developer | Cloud Architect | Blockchain Engineer

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PROFESSIONAL SUMMARY

Results-driven Fullstack Developer and Cloud Architect with 5+ years of experience designing and implementing high-performance, scalable systems. Proven expertise in Node.js, Golang, TypeScript, and AWS with a strong focus on microservices architecture, serverless computing, decentralized applications, and real-time systems. Adept at building and shipping production-grade solutions in fintech, blockchain, and enterprise SaaS.

PROJECT EXPERIENCE

3ventiz – Event Booking/Ticketing Platform

Backend Developer | Jan 2025 – Present (Contract)

Built a serverless ticketing platform serving web and mobile users, integrating payments, real-time notifications, and scalable backend systems.

- Architected microservices using **Node.js** and **AWS Lambda**
 - Integrated **Stripe** for secure ticket payments
 - Used **AWS SQS/SNS** for asynchronous messaging
 - Implemented **WebSocket API** for live customer support
 - Deployed secure static and dynamic content using **S3**
 - Collaborated with mobile and frontend teams for seamless UX
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Peerbill – Decentralized Crypto Utility & P2P Platform

Fullstack Developer | Nov 2024 – Feb 2025 (Contract)

Developed a decentralized exchange app supporting crypto trades and utility bill payments using stablecoins.

- Built a real-time P2P crypto trading engine using **Golang**, **gRPC**, and **WebSockets**
- Created a **Next.js** frontend for users to buy/sell crypto and pay bills
- Deployed on **AWS EC2** with Dockerized containers
- Implemented custom blockchain escrow mechanism for trustless trades
- Wrote complete API documentation using **Swagger**

Loan Application Platform (Confidential)

Backend Developer | 2023

Designed and implemented a monolithic backend for a lending institution to manage loans, user onboarding, repayment tracking, and notifications.

Built using **Node.js** and **Express.js**

Added **file upload**, **email notifications**, and **JWT-based auth**

Deployed and secured on **Namecheap** infrastructure

Integrated payment tracking and loan amortization logic

Restaurant Management System

Backend Developer | 2023

Engineered a multi-tenant system for restaurants to manage profiles, admins, and customer orders.

- Developed in **Golang/Gin framework** using serverless architecture on **AWS Lambda**
 - Used **SNS/SQS** for order tracking and asynchronous updates
 - Designed the system to handle restaurant/customer/admin roles
 - Enabled order processing, menu updates, and secure data handling
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Hackpiy Blockchain Solutions – Fintech Integrations

Blockchain Integration Developer | Nov 2022 – Jul 2023

Delivered production-grade blockchain features into financial platforms and legacy systems.

- Built and documented **REST APIs** using **Golang** and **Node.js**
 - Integrated **blockchain wallets** and smart contract interactions into existing fintech platforms
 - Authored internal docs on Node.js/Golang and blockchain best practices
 - Contributed to full-stack product teams to ship DeFi-compatible features
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Global ICT Training (Applied Technologies)

Instructor – Node.js, TypeScript, React.js | Apr 2021 – Aug 2021

- Taught practical courses on backend and frontend development using modern web stacks
- Mentored students in building CRUD apps and REST APIs using **Node.js** and **TypeScript**

TECHNICAL SKILLS

Languages:

Golang, JavaScript (ES6+), TypeScript, SQL

Backend:

Node.js, Express.js, gRPC, REST, GraphQL, WebSockets

Frontend:

React.js, Next.js, Redux

Cloud & DevOps:

AWS (Lambda, EC2, S3, RDS, API Gateway, SNS, SQS, WebSocket API), Azure (App Services, Functions, Storage, Azure DevOps, Key Vault), Docker, GitHub Actions, Jenkins.

Databases:

MongoDB, PostgreSQL, MySQL

Blockchain:

ethers.js, go-ethereum, wallet APIs, smart contracts (integration level)

Messaging & Security:

Redis, RabbitMQ, JWT, OAuth2, Paseto, SSL/TLS

EDUCATION & CERTIFICATIONS

Advanced Web Development, APTECH Computer Education, Enugu – 2019

KEY STRENGTHS

§ Scalable Architecture: Microservices & serverless systems built to handle global loads

☁ Cloud Native: End-to-end cloud deployment experience on AWS

ℓ Blockchain-Ready: Integration of stablecoin payments and trustless exchanges

⌚ API-Centric: REST, GraphQL, gRPC services documented and tested for teams