Chibueze Golden Azubuike

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Professional Profile:

Fullstack and Backend Engineer with 6+ years of experience building scalable APIs, distributed event pipelines, and production web platforms using TypeScript, Node.js, NestJS, React, Next.js, Redis, and other technologies. Proven track record of designing high-volume systems across utility, social platforms, and healthcare, including building an internal operations platform for 1500+ users that boosted efficiency by 85% and cutting peak server load by 25% through batch job optimization. Experienced in leading engineering workflows, mentoring 80+ developers, and shipping resilient, end-to-end software with measurable unit-economic impact.

Capabilities and Technologies:

- System Architecture & Backend: Distributed Systems, Event-Driven Architecture, Asynchronous Queues, Modular API Design, Background Job Processing, Payment Reconciliation, Role-Based Access Control (RBAC)
- AI & Workflow Automation: LLM Pipeline Integration, AI Cost & Rate Optimization, WhatsApp Business API Automation, OCR & Document Parsing, Operational Tooling
- Languages & Frameworks: TypeScript, JavaScript (ES6+), PHP, Node.js, NestJS, React, Next.js
- Databases & Messaging: PostgreSQL, MySQL, MSSQL, SQLite, MongoDB, Redis, Apache Kafka
- DevOps, Observability & Monitoring: Docker, CI/CD Automation (GitHub Actions, GitLab CI), Grafana, Sentry, Axiom, PostHog
- Engineering Leadership: Production Support & Incident Resolution, Technical Curriculum Design, Developer Mentorship, Agile Product Delivery

Professional Experience:

Fullstack Engineer | Celebut February 2025 - October 2026 | UK (Remote)
Social celebration platform with a post feed, cash and digital gifting

- Designed and built a centralized internal admin platform managing 10+ staff and 1,500+ end users, improving daily operational efficiency by ~85%.
- Architected an end-to-end email campaign system supporting a rich email editor, reusable templates, multi-language localization, and instant or time-zone-scheduled delivery.
- Implemented batch email processing and delayed background jobs, reducing peak server load by ~25% and improving delivery reliability across high-volume campaigns.
- Built scalable Node.js (NestJS) APIs with strict module boundaries and reusable services, partnering with product and design teams to ship features to production.

Founding Engineer | Marrket Africa July 2026 - Present | Nigeria (Part time)
WhatsApp grocery ordering and delivering application

- Architected and launched an end-to-end WhatsApp commerce platform requiring zero app installation, bringing order handling down to ~2 minutes per customer with 98% zero-touch automation.
- Built an AI and OCR parsing pipeline that reads handwritten and typed shopping lists, infers missing item prices, and flags under-priced entries, replacing manual negotiation.
- Engineered automated payment protection and ledger reconciliation that records verified orders, refunds duplicate or failed payments automatically, and expires unpaid orders after 24 hours.
- Built self-serve operational pricing controls (zone-based delivery fees, service charges, minimum order values, ordering hours, and vouchers) alongside picker and rider logistics tools with load-balanced dispatch and handover codes.
- Implemented Grafana telemetry for real-time pipeline visibility alongside pre-processing spam and abuse filters, reducing AI inference spend per order by 75%.

Co-founder | Billkit Solutions November 2024 - Present | Nigeria (Part time)
A utility bill payment platform

- Implemented automated CI/CD pipelines to streamline deployments, shortening release cycles by ~40% and improving production stability.
- Led frontend architecture and performance optimization, reducing page load times by ~35% and increasing user engagement by ~20%.
- Owned end-to-end production support, resolving 95% of user-reported issues within 24 hours and translating user feedback into prioritized features that drove a 30% increase in platform adoption.

Fullstack Developer | Cinfores Limited March 2020 - February 2025 | Nigeria (Hybrid)

- Led development of a Health Management System that unified patient, staff, and facility records, reducing manual data errors by ~40%.
- Designed resilient backend services and APIs supporting high-volume medical records and reporting workflows.
- Mentored developers through structured code reviews and hands-on guidance, improving team delivery velocity by ~60% over three years.

Leadership and Impact:

- Designed the technical training curriculum for Cinfores Limited's engineering talent ecosystem, standardizing software engineering fundamentals and internal framework practices across incoming cohorts.
- Trained and mentored 80+ developers in production engineering workflows, accelerating onboarding and project contribution across company teams.

Open source and Technical Projects:

Fileway | Open-Source Storage Engine (*usefileway.dev*)

- Architected and published a zero-dependency storage engine for TypeScript runtimes built directly on native Web Standards primitives (WHATWG Streams and Web Crypto) to eliminate third-party package bloat.
- Designed a unified storage abstraction supporting streaming file operations, cryptographic integrity, and cross-runtime portability with full documentation site and npm distribution.

Mongeesy | Browser-Native MongoDB Playground (*mongeesy.vercel.app*)

- Built a zero-setup, browser-native interactive playground enabling developers to write, test, and learn MongoDB queries and aggregation pipelines directly in the browser without external database setup.
- Engineered client-side query evaluation and instant feedback loops to lower the learning barrier for developers practicing document modeling and database operations.

Education:

Higher Diploma, Electrical and Electronics Engineering October 2019
Ken Saro-Wiwa Polytechnic, Rivers state, Nigeria

Diploma, Electrical and Electronics Engineering October 2015
College of Arts and Science, Rivers state, Nigeria