

# Chijioke Ugwuanyi

Website | Github | LinkedIn

Senior Software Engineer with 7+ years building high-performance backend systems and distributed infrastructure across fintech, healthtech, and developer tooling. Expertise in Rust, Java, and Python with a track record of leading teams, modernizing legacy platforms, and delivering scalable systems that drive measurable business outcomes.

## Technical Skills

**Languages:** Rust, Java, Python, JavaScript/TypeScript, SQL

**Infrastructure:** AWS, Docker, Kubernetes, CI/CD, Terraform, PostgreSQL, Redis, Kafka

**Frameworks & Tools:** Spring Boot, Axum, FastAPI, gRPC, REST APIs, Microservices

## Work Experience

**Senior Software Engineer**                      Diedev GmbH, Germany (Remote)                      May 2025 – Present

- Led 4-engineer team to deliver major product upgrade that increased company revenue by 35% within six months through improved feature delivery and system performance.
- Designed and deployed production API gateway in Rust handling 1,000+ RPS with sub-100ms p99 latency, implementing intelligent routing, rate limiting, and distributed tracing.
- Modernized critical Python 2 services to Rust, reducing build times by 60% and deployment frequency from weekly to daily releases.

**Senior Software Engineer**                      Interswitch, Lagos, Nigeria (On Site)                      Nov 2021 – Jul 2024

- Architected and built an automated reconciliation system processing 100K+ daily transactions, reducing manual operations overhead by 25% and eliminating error-prone spreadsheet workflows.
- Led technical scoping for enterprise clients alongside sales and product teams, translating business requirements into scalable solutions that closed 3 deals worth \$200K+ combined.
- Established engineering documentation standards and onboarding program, reducing new hire ramp-up time from 8 weeks to 4 weeks.

**Software Engineer**                              Minerva Technologies, Nigeria (Remote)                      Jan 2021 – Nov 2021

- Designed and built internal admin platform with role-based access control and audit logging, enabling support teams to independently resolve 90% of merchant issues without engineering escalation.
- Developed automated merchant transaction reversal system using event-driven architecture, increasing support throughput by 50%+ and reducing average resolution time from 2 hours to 15 minutes.
- Shipped backend APIs and frontend features for fintech application serving 3M+ users, implementing payment processing, user authentication, and transaction history.

**Software Engineer**                              Adbasador Media Limited, Nigeria (On Site)                      Jun 2017 – Nov 2021

- Built content management and delivery platform serving 50K+ daily active users, implementing caching strategies that reduced API response times by 40% and improved user engagement.
- Led AWS cloud migration for monolithic application, implementing containerized microservices with CI/CD pipelines that reduced deployment downtime from 2 hours to under 10 minutes.
- Developed real-time analytics dashboard and reporting tools enabling business teams to track KPIs and make data-driven decisions.

## Education

**M.Sc., Information Technology**                      Carnegie Mellon University                      December 2025

**B.Sc., Computer Science**                              University of Nigeria                              November 2019