

REDEEMER AGBONUGLAH

FULLSTACK SOFTWARE ENGINEER

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SUMMARY

Innovative and results-driven Fullstack Software Engineer with 7+ years of experience designing and scaling enterprise-grade systems. Strong backend expertise in Java (Spring Boot), Go, Python (FastAPI, Flask), and PHP (Laravel), complemented by frontend proficiency in Vue.js, React, and TypeScript. Experienced in microservices architecture, REST API design, and cloud-native deployments. Skilled in building secure, reliable fullstack applications, mentoring developers, and applying software engineering best practices to deliver scalable and maintainable solutions.

EXPERIENCE

Bigspark — Senior Backend Engineer

Jun 2024 – Mar 2025

- Led backend development for scalable SaaS platforms using Java (Spring Boot) and Python (FastAPI) supporting 10,000+ concurrent users.
- Built performant API services in Go for latency-critical microservices, reducing response times by 35%.
- Developed interactive frontend dashboards using Vue.js and React with TypeScript for real-time data visualization.
- Architected and deployed containerized microservices using Docker and Kubernetes, improving deployment efficiency by 45%.
- Implemented CI/CD pipelines with GitHub Actions and Jenkins for seamless, zero-downtime releases.
- Mentored 5+ junior developers and conducted code reviews to maintain clean, secure, and testable codebases.
- Integrated Prometheus and Grafana for observability and real-time monitoring.

NatWest Bank — Backend Developer (Consultant)

Jul 2024 – Mar 2025

- Developed and optimized microservices for financial analytics using Java Spring Boot.
- Built data ingestion pipelines with Snowflake and PostgreSQL to streamline data flow.
- Collaborated with cross-functional teams to deliver real-time financial dashboards, reducing data latency by 30%.

Nnuro — Lead Backend Engineer

Remote | Aug 2020 – Feb 2021

- Designed and implemented the backend architecture in Spring Boot for Nnuro's AI-driven platform (nnuro.com).
- Built scalable REST APIs and integrated ML models for real-time user analytics.
- Developed internal tools and admin panels using Vue.js to streamline operations and content management.
- Coordinated a small engineering team and aligned development efforts with product goals.

Lineage Project — Backend Engineer

Remote | Jan 2020 – Jul 2020

- Built and maintained microservices architecture to enhance scalability and maintainability.
- Developed a B2B pharmaceutical platform using Java and Python following Clean Architecture and MVC principles.
- Built an A/B testing dashboard with React, Redux, and TypeScript for product analytics.

- Automated containerized deployments with CI/CD pipelines for consistent environments.

EDUCATION

University of Ghana

MSc. Data Science — 2025 – Present

- Focus on data architecture, ETL pipelines, and large-scale database management.

University of Ghana

B.Sc. Computer Science — 2019 – 2023

- Emphasis on software engineering, algorithms, and system design.

Bishop Herman College

General Science — 2016 – 2019

CERTIFICATIONS

- ISO/IEC 27001:2022 – Information Security Management Systems (Udemy, 2024)
- Anti-bribery Management System (Udemy, 2024)
- Professional Scrum Master (PSM I) (2022)
- Microsoft Azure Fundamentals (2020)

SKILLS

Languages & Frameworks: Java (Spring Boot, Quarkus), Go (Gin, Echo), Python (Flask, FastAPI), PHP (Laravel), TypeScript, JavaScript

Frontend: Vue.js (Vuex, Pinia, Vue Router), React (Redux, Next.js), HTML5, CSS3, Tailwind CSS

Architecture: Microservices, RESTful APIs, Domain-Driven Design (DDD), Event-Driven Architecture, Clean Architecture, MVC

Databases: PostgreSQL, MySQL, MongoDB, Snowflake, Redis, Query Optimization, Indexing

DevOps & Tools: Docker, Kubernetes, GitHub Actions, Jenkins, NGINX, CI/CD, Git

Practices: Secure API Development, TDD, Agile, API Versioning, Caching, Configuration Management

HONORS & AWARDS

Innovation Collaboration Award — NatWest Group

- Led development of an LLM-powered sentiment analysis system that improved customer response times and satisfaction.

Outstanding Engineering Contribution — Nnuro Technologies Ltd

- Built a scalable B2B system with Clean Architecture and Dockerized microservices, improving performance by 30%.

GTBank Machine Learning Hackathon — GTBank

- Developed a predictive model for customer churn and retention strategies using behavioral data.