

OLUSANYA AYOMIDE

BACKEND ENGINEER | FULL STACK DEVELOPER | SCALABLE SYSTEMS ARCHITECT

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LinkedIn

SUMMARY

Highly accomplished Full Stack Engineer and Systems Architect with 3 years of experience in architecting and delivering high-performance, scalable fintech products from inception to launch. Proven expertise in defining end-to-end technical architecture, full-stack development, and integrating advanced payment systems, achieving a 40% reduction in database response time for critical financial operations. Adept at building mobile-first applications and leading zero-to-one product development in fast-paced, ambiguous environments, with a strong commitment to fintech-grade reliability and security. Eager to leverage AI-first methodologies and deep technical expertise to build and ship innovative solutions for Axmed's stealth venture.

SKILLS

Technical Architecture · Full Stack Development · Mobile-first Development · Fintech Product Development · Zero-to-One Product Building · AI-first Methodologies · Node.js · Go (Golang) · React.js · Next.js · TypeScript · Payment Gateway Integration · Microservices · AWS (EC2, S3, Lambda) · Docker · CI/CD · System Reliability · Security · Rapid Iteration · Independent Problem-Solving

EXPERIENCE

Backend Engineer / Systems Architect at Prewrite AI

June 2024 - Present

- Led the architectural design and full-stack development of Prewrite AI, an AI-powered resume automation platform, establishing LLM integration pipelines and dynamic template rendering for instant CV generation.
- Engineered robust backend pipelines integrating Large Language Models (LLMs) with secure file generation workflows, supporting high-volume PDF automation.
- Developed a critical WhatsApp integration layer, enabling mobile-first resume creation and job application directly through messaging, enhancing user accessibility.
- Designed and implemented a modular microservice architecture, ensuring scalability and maintainability for diverse functionalities including resume generation and analytics.

Backend Engineer (Fintech) at Coffey

December 2023 - Present

- Spearheaded the build-out of Coffey, a multinational payment infrastructure from zero-to-one, enabling multi-currency transactions and crypto payment integrations with fintech-grade reliability.
- Designed and implemented a fault-tolerant transaction engine, ensuring data consistency and high availability across diverse payment partner integrations.
- Successfully integrated multiple payment processors, facilitating seamless cross-border transfers and expanding global service capabilities.
- Optimized backend performance for high-scale financial operations, handling significant transaction volumes with enhanced efficiency.

Frontend Developer at PropRightly

March 2024 - Present

- Developed core client-side architecture for a property management system, focusing on mobile-first responsiveness and user experience.
- Designed a modular frontend framework, accelerating feature rollout by 50% and enabling the delivery of five new features within two months.
- Transformed the platform into a Progressive Web Application (PWA), enhancing offline-first capabilities and overall system reliability.

Full Stack Developer (Backend Lead) at Utilour

October 2023 - Present

- Led the definition and implementation of Utilour's technical architecture, guiding full-stack development efforts for core systems.
- Engineered high-performance backend systems, achieving a 40% reduction in database response time and significantly improving system efficiency.
- Integrated multiple payment gateways and optimized third-party request pipelines, ensuring secure and efficient financial transactions.

IT Support / Full Stack Engineer at Gratmus Digital Services

December 2022 - May 2023

- Designed and implemented the full-stack architecture for a critical VTU platform, which became the company's primary revenue channel.
- Collaborated cross-functionally with UX designers to deliver a highly intuitive and user-friendly product experience.

KEY ACHIEVEMENTS

Prewrite AI Resume Generator | AI, LLMs, Node.js, React.js, WhatsApp API

Led the development of an AI-based platform enabling personalized resume creation, PDF export, and job applications via WhatsApp, integrating LLM pipelines and dynamic template rendering.

Coffer Global Payment Engine | Fintech, Payment Processing, Cryptocurrency, Go, PostgreSQL

Architected and built a cross-border payment infrastructure supporting multi-currency transactions, cryptocurrency integration, and automated settlement logic for high-volume financial operations.

VTU Revenue Platform | Fintech, Full Stack, Node.js, React.js, API Architecture

Designed and implemented a full-stack VTU system that became the primary revenue stream for Gratmus Digital Services, ensuring robust transaction processing and user experience.

EDUCATION

B.Sc. , University of Lagos

2021 - Present

ND , Yaba College of Technology

2019 - 2021