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Ayanyemi Emmanuel O

Backend & Systems Engineer | Laravel Backend Engineer | Backend Engineer (API & Infrastructure)

[Download CV](#)   [View PDF](#)
Open to backend & full-stack roles
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Summary

Backend & Systems Engineer with strong academic standing (CGPA 4.97) and proven experience designing, building, and deploying production-grade web systems. Specialized in Laravel-based architectures, scalable APIs, real-time integrations, Dockerized infrastructure, and VPS orchestration. Experienced in building conversational commerce platforms, payment workflows, and event-driven backend systems. Focused on clean architecture, infrastructure reliability, performance optimization, and API-first engineering.

Work Experience

Backend & Systems Engineer @ Milestar Trade and Export Limited

Jan 2024 – Present

Lead backend engineer responsible for system architecture, API design, infrastructure deployment, and production operations across company platforms.

- Architected Laravel-based backend systems with Redis-backed queues and modular service layers
- Designed secure API flows for payments, order management, and administrative tooling
- Managed Dockerized production environments (Nginx, PHP-FPM, Redis, MySQL, TLS) on Linux VPS infrastructure
- Implemented real-time features and event-driven components using modern Laravel ecosystem tools
- Handled infrastructure configuration, SSL automation, and performance optimization

Education

Bachelor in Applied Mathematics and Computer Science

Ufa University of Science and Technology

(Sep 2023 – Jun 2026)

GPA: 4.97

Courses:

- Advanced Laravel Development
- Systems Programming with Python
- DevOps & Containerization
- Data Structures & Algorithms

Certificates

300 Hour Web Developer Certification

Dec 2023 – FreeCodeCamp

[View Certificate](#)

Skills

Programming Languages

Expert
PHP Python Java JavaScript

Web Frameworks

Advanced
Laravel Django Flask

Front-end Technologies

Advanced
Blade Tailwind CSS Alpine.js HTML5 CSS3

DevOps & Infrastructure

Advanced
Docker Redis Reverb/Pusher RabbitMQ VPS Deployment Nginx

Tools & APIs

Advanced
Git REST APIs Cloudflare Workers WhatsApp Cloud API

Languages

English Fluent
Russian Conversational
Yoruba Native

Interests

Technology

Machine Learning DevOps Automation Distributed Systems

Hobbies

Reading Travel Cooking Meditation

References

Available upon request

Available upon request

Projects

Bypass International Transfers (Production Web Application + WhatsApp Bot)

2025-08-01 – 2026-01-01

Fully operational cross-border transfers platform consisting of a production Laravel API-driven web application tightly integrated with a real-time WhatsApp Cloud API commerce bot.

- Designed scalable Laravel backend handling quotes, orders, receipt uploads, and administrative workflows
- Built fully functional WhatsApp Cloud API bot with interactive flows and automated transaction logic
- Implemented Cloudflare Worker relay for secure Graph API access and signed media handling
- Applied Redis deduplication and session-windowing strategies for conversational reliability
- Deployed complete Dockerized infrastructure (Nginx, PHP-FPM, Redis, MySQL, TLS automation)
- Engineered secure media ingestion pipeline with validation and size constraints

Visit Project

Milestar Trade — Wheat Brokerage Platform (RU ? NG)

2025-01-01 – 2025-06-01

Production corporate platform and lead-generation system engineered for a Russia–Nigeria wheat brokerage operation.

- Laravel-based backend architecture with SEO-optimized structure
- Performance-focused implementation with minimal JS footprint
- Accessible semantic HTML and ARIA-enhanced UI components
- Structured metadata implementation (Open Graph, JSON-LD Organization + FAQ)
- Secure server-side validated contact forms with anti-spam protection

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SafeCare Service Limited (Production Web Platform)

2025-03-01 – 2026-02-01

Fully operational cross-border transfers platform consisting of a production Laravel API-driven web application tightly integrated with a real-time WhatsApp Cloud API commerce bot.

- Designed scalable Laravel backend handling quotes, orders, receipt uploads, and administrative workflows
- Built fully functional WhatsApp Cloud API bot with interactive flows and automated transaction logic
- Implemented Cloudflare Worker relay for secure Graph API access and signed media handling
- Applied Redis deduplication and session-windowing strategies for conversational reliability
- Deployed complete Dockerized infrastructure (Nginx, PHP-FPM, Redis, MySQL, TLS automation)
- Engineered secure media ingestion pipeline with validation and size constraints

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GarnetCart (GlyGold Flagship Demo Store)

2026-01-01 – 2026-06-01

Flagship production demo store built as the primary showcase of the GlyGold modular e-commerce scaffolding system.

- Modular Laravel + Livewire v3 architecture with pack-based extensibility
- Real-time cart updates and scalable checkout workflows
- API-driven product management with Redis-backed queues
- Advanced UI system with Tailwind-based design tokens and theming
- Media-rich product galleries with Swiper.js (image and video support)
- Dockerized deployment stack with automated SSL and production-ready configuration

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