OLUSEGUN IBRAHEEM

Senior Software Engineer

587-971-9955 | codesultan369@gmail.com | linkedin.com/in/codesultan | github.com/codedsultan | Calgary, AB

PROFESSIONAL SUMMARY

Senior Software Engineer and Engineering Lead with 8+ years of experience directing high-concurrency backend systems, event-driven microservices, and full-stack platforms across regulated and consumer-facing industries.

Proven track record guiding multi-cloud infrastructure (Azure, AWS, GCP, Terraform, Docker) and shipping production AI pipelines, RAG systems, and agentic workflows (LangChain, LangGraph, pgvector). Adept at aligning technical strategy with business goals, leading architecture across multiple products, owning production infrastructure, and mentoring engineers while delivering 15+ production applications.

CORE SKILLS

- **Architecture:** Event-driven systems, microservices, REST/GraphQL APIs, high-concurrency backend design, Domain-Driven Design (DDD), RAG pipelines and agentic AI systems
- **Frontend:** React, Vue.js, Next.js, Inertia.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind, Playwright
- **Backend:** Node.js (Fastify, Nest.js), Laravel (PHP 8.x), Python (FastAPI, Django), Go
- **Data & Integration:** PostgreSQL, MySQL,Redis, MongoDB, Firebase, DynamoDB, pgvector, RabbitMQ, Kafka, AWS SQS/SNS
- **DevOps/Cloud:** AWS (EC2, Lambda, S3, RDS, CloudWatch), GCP, Docker, Terraform, Ansible, Kubernetes, Github Actions
- **Practices/Quality:** TDD, Agile/Scrum, system design, security best practices, observability (Grafana), technical writing
- **Leadership:** Engineering leadership, cross-product architecture, technical mentorship, code review, engineering culture

PROFESSIONAL EXPERIENCE

Tedbree, London, UK (Remote) ~ Software Engineer (Engineering Lead) ~ Oct 2022 – Present

- **Led system architecture** across 15+ concurrent client projects, tailoring stack selection (FastAPI, Django, Laravel, TypeScript, Node.js, NestJS) to deliver bespoke SaaS and enterprise applications.
- **Set architectural guardrails** company-wide, collaborating with UI/UX and stakeholders to translate goals into technical specs, acceptance criteria, and OpenAPI schemas.
- **Engineered scalable design systems** and reusable UI libraries in TypeScript, React, Next.js, and Tailwind CSS, standardising UI/UX patterns and accelerating rollout times.
- **Architected production RAG pipelines** and stateful AI agents using Python, LangChain, LangGraph, LLMs, and pgvector; optimized chunking strategies and prompt engineering to improve retrieval accuracy and reduce model hallucination rates.
- **Implemented structured data validation** utilizing Pydantic and automated evaluation datasets to systematically audit LLM outputs, ensuring strict compliance, zero semantic Drift, and predictable JSON responses.
- **Shipped 15+ production applications** with zero critical bugs across TypeScript, React, Next.js, Django, Laravel, NestJS, and FastAPI, driving retention.
- **Optimised high-concurrency APIs** and microservices, tuning PostgreSQL schema models and pgvector indexing to accelerate data retrieval across active workspaces.
- **Designed event-driven architectures** using Kafka, RabbitMQ, AWS SQS, and AWS SNS for reliable job queuing, pub/sub messaging, and background task execution.
- **Provisioned cloud infrastructure** with Terraform, Ansible, and Docker, integrating AWS Lambda, S3, and CloudWatch with GitHub Actions CI/CD pipelines.
- **Mentored cross-functional teams** through code and design reviews, elevating quality standards, boosting sprint velocity, and reducing review turnaround.

Acquired Skills *(FastAPI, Django, Laravel, TypeScript, Node.js, NestJS, React, Next.js, Tailwind CSS, LangChain, LangGraph, pgvector, Kafka, RabbitMQ, AWS SQS/SNS, Terraform, Ansible, Docker, GitHub Actions, Azure DevOps,Databricks)*

Tedbree, London, UK (Remote) ~ Full-Stack Engineer ~ Apr 2021 – Oct 2022

- **Delivered production-ready solutions** by collaborating with product and business stakeholders to translate requirements into reliable full-stack builds.

- **Built internal tools and dashboards,** including custom CRM and ERP systems, along with REST APIs and back-end services using Django, Laravel, Node.js, and NestJS.
- **Built frontend applications** with Next.js, Inertia.js, React, and Vue.js, and integrated payment gateways, geolocation APIs, and auth providers.
- **Designed database schemas** in PostgreSQL, MySQL, and MongoDB, improving query performance through optimisation and indexing across multiple client projects.

Acquired Skills *(Django, Laravel, Node.js, NestJS, Next.js, Inertia.js, React, Vue.js, PostgreSQL, MySQL, MongoDB, Vitest, Pytest SQLAlchemy, Alembic)*

Veci Technologies, Ibadan, Nigeria ~ Full-Stack Engineer ~ Sep 2017 – Mar 2021

- **Delivered dynamic web applications** using Laravel, PHP, MySQL, and JavaScript, designing relational databases and managing Linux hosting environments.
- **Built and maintained REST APIs** and back-end services with Laravel and Node.js.
- **Developed internal tools, admin dashboards, and CRM systems** with Laravel, Inertia, React, and Vue.js.
- **Integrated payment gateways, geolocation APIs, and auth providers,** improving SQL/NoSQL database performance through query optimisation and indexing across multiple client projects.
- **Developed custom WordPress themes and plugins,** resolving complex compatibility and performance issues across client projects.

Acquired Skills *(Laravel, PHP, MySQL, JavaScript, Node.js, Inertia, React, Vue.js, WordPress)*

OPEN SOURCE CONTRIBUTIONS

Goravel Framework & Ecosystem (github.com/goravel) ~ Contributor ~ Go, Framework Architecture

- **Goravel Framework Core (goravel/framework):** Contributed core framework features, notification channels, and architectural enhancements to the open-source Go framework designed to recreate the Laravel developer experience.
- **Goravel Slack Driver (goravel/slack):** Authored and maintained driver packages enabling seamless notification and webhook integrations for the Goravel ecosystem.

EDUCATION AND QUALIFICATIONS

Sep 2015 – Bachelor of Engineering (B.Eng.), Osun State University, Osogbo, Nigeria

CERTIFICATIONS

Oct 2026 – Microsoft Certified: Power Platform Developer Associate (PL-400), Microsoft

May 2026 – Project Management Professional (PMP), Project Management Institute

Apr 2022 – Higher Education Qualification (HEQ) in IT, The Chartered Institute of IT (BCS), London, UK

REFERENCES

Available upon request