

OLUWAYINKA ISAAC OLAODE

FULL-STACK DEVELOPER / ENGINEERING LEAD

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PROFESSIONAL SUMMARY

Full-Stack Developer and Engineering Lead with 7+ years of experience designing, building, and scaling production applications end-to-end. Deep expertise in React, Next.js, Node.js/NestJS, Python, FastAPI, Laravel, REST API architecture, and SQL database optimization, plus native mobile development in Kotlin (Jetpack Compose) and Swift (SwiftUI). Currently serving as IT Manager at a Texas-based construction firm, leading full-stack product development; from responsive frontend interfaces to cloud infrastructure on AWS (ECS Fargate, Aurora PostgreSQL, S3, CodeBuild) and AI-powered SaaS platform engineering with the Claude, OpenAI, and Gemini APIs. Proven track record in CI/CD pipeline design, Docker containerization, RBAC/JWT authentication, and data security practices. Strong ownership mindset with startup adaptability, comfortable taking full architectural ownership and scaling systems from MVP to production maturity.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, PHP, SQL, Kotlin, Swift, Bash, HTML5, CSS3
- **Backend Frameworks:** NestJS, Node.js, Express.js, Laravel, FastAPI
- **Frontend:** React, Next.js, Tailwind CSS, Bootstrap, Vite
- **Databases & ORM:** PostgreSQL, MySQL, Prisma ORM, SQLite, SQLAlchemy
- **Cloud & DevOps:** AWS (ECS Fargate, Aurora, S3, ECR, CodeBuild, ALB), Docker, Nginx, CI/CD (GitHub Actions, AWS CodePipeline), Vercel, Render
- **Mobile:** Jetpack Compose, Room, SwiftUI, UIKit, Combine, Core Data
- **AI & Payments:** Claude API, OpenAI API, Gemini API, Stripe, Flutterwave, Paystack
- **Auth & Security:** JWT, OAuth 2.0, RBAC, Role-based permissions, API security best practices, sensitive data protection
- **APIs & Integration:** REST API design, SSE streaming, Postman, Axios
- **Background Processing:** Async task processing, job queues, Celery, Redis, event-driven architecture
- **Monitoring & Observability:** CloudWatch, structured logging, health checks

PROFESSIONAL EXPERIENCE

Neli Arabi GmbH

Berlin, Germany (Remote)

Lead Backend Engineer / Pod Lead

Apr 2026 – Oct 2026

- Led a backend pod building a B2B ERP platform for complex multi-entity operations.
- Helped build the platform's structured workflows, data control, integrations, and reporting.
- Built private enterprise review into the platform.

Lone Star Civil

San Antonio, TX (Remote)

IT Manager / Lead Software Engineer

Mar 2025 – Present

- Lead the design, development, and deployment of a full-stack SaaS contractor management platform serving the company's construction operations; handling project management, AI-powered cost estimation, document processing, and client communications.
- Architected and deployed backend on AWS ECS Fargate with Aurora Serverless v2 PostgreSQL, S3 file storage, ECR container registry, and CodeBuild CI/CD pipeline; achieving zero-downtime deployments.
- Built a production REST API (NestJS/TypeScript) with 50+ endpoints, JWT authentication, role-based access control (RBAC), and multi-tenant company isolation.
- Designed and implemented AI-powered features using Claude API with SSE streaming, tool-use patterns, and intelligent document processing (PDF, DOCX, XLSX, images), enabling automated bid generation, cost estimation, and price comparison.
- Implemented database schema design with Prisma ORM on PostgreSQL, optimized complex queries, migrations, and relational data modeling for construction industry workflows.
- Engineered Docker containerization with multi-stage builds, automated CI/CD via AWS CodeBuild, and environment-specific configuration management (dev/staging/production).
- Integrated third-party services: Tavily search API for real-time market pricing, email notification systems, S3 pre-signed uploads, and real-time SSE streaming for AI chat responses.
- Manage the entire IT and software infrastructure for the company, including cloud resources, system security, monitoring, and reliability.

TheSlimPrep

Canada (Remote)

Part-Time Software Engineer

May 2024 – March 2026

- Develop and maintain scalable web applications and RESTful APIs using Node.js and React, serving numerous platforms with multi-tenant architecture.
- Designed SQL database schemas with advanced query optimization and indexing strategies, improving data retrieval performance by 40%.
- Set up Docker-based development environments and deployment workflows, streamlining team onboarding and enabling reproducible CI/CD processes.
- Collaborated with cross-functional teams (frontend engineers, product designers, leadership) using Agile methodology, consistently achieving impressive sprint completion rate.
- Implemented JWT-based authentication and role-based access control for secure multi-tenant SaaS features.

Independent / Freelance

Remote

Full-Stack Developer

Feb 2019 – Mar 2023

- Delivered 15+ web application projects for clients across education, e-commerce, and logistics sectors; from architecture to deployment.
- Built custom backend systems with PHP/Laravel, and Node.js; including authentication modules, admin dashboards, reporting engines, and API integrations.
- Configured and managed cloud deployments on AWS including DNS, SSL, Nginx, and automated backup strategies.
- Provided technical architecture consulting for small businesses transitioning from manual workflows to digital platforms.

EDUCATION

Obafemi Awolowo University, Ile-Ife, Osun state

2014 - 2019

Bachelor of Science, Geology