David Kwabena Arhin

Status: Legal Permanent Resident

Full Stack Developer | E-commerce & Mobile Platforms

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Summary

Full Stack Developer with 4+ years experience building scalable e-commerce and business platforms using TypeScript, React Native (Expo), GraphQL, and GCP. Proven track record developing complete store management systems with shipping, notification, and payment functionalities. Available for travel to Italy and immediate start.

Technical Skills

Languages: TypeScript, JavaScript, Python, Go (Learning), SQL
Frontend/Mobile: React Native (Expo), React.js, Next.js, Tailwind CSS
Backend/API: GraphQL, Node.js, Express.js, FastAPI
Databases: PostgreSQL, Redis, MongoDB
Cloud/DevOps: GCP, Docker, Kubernetes, AWS, Vercel
Tools: VS Code, Git, GitHub Actions, Expo CLI, Figma

Professional Experience

Ideation Axis, Lead Developer   Jan 2023 – Sept 2024

- Built Smagritrade e-commerce platform with GraphQL APIs
- Implemented Docker/Kubernetes on Google Cloud Platform
- Developed real-time inventory and order management systems
- Used Redis for caching and PostgreSQL for data persistence

MacPartners, AI Engineering Intern   June 2024 – Aug 2024

- Built AI e-commerce assistant with FastAPI and TypeScript
- Implemented PostgreSQL schemas for user/transaction data
- Created WordPress plugin for AI chatbot frontend
- Developed notification system prototypes

Key Projects

Empowered Nexus - Business Platform   empowerednexus.com ↗

- Full-stack business website
- Responsive design with Tailwind CSS and modern UI
- MongoDB database with optimized content management
- SEO optimization and performance tuning
- 50+ active users, 95% uptime
- Deployed on Vercel with CI/CD pipeline

Smagritrade E-commerce Platform   Live ↗

- Marketplace with buyer/seller interfaces
- Real-time inventory and order tracking
- Integrated payment and shipping systems
- Won 2025 Innovation and Career Fair at UMaT

Printing Management System   Live ↗

- Order management with workflow automation
- Email/SMS notification integration
- Shipping tracking system

- GCP deployment with Kubernetes orchestration

Leadership & Community

President, Amalitech Coding Club · 2025
- Lead 150+ developer community
- Organize workshops on React Native, GraphQL, Docker
- Mentor junior developers in full-stack development
- Facilitate e-commerce and business platform hackathons

Education & Certifications

BSc Computer Science · Expected Sept 2026
- University of Phoenix (Online)
- Specializing: Software Engineering
- GPA: 3.7/4.0

Google Cloud Foundations · Mar 2024
- GCP infrastructure and services
- Cloud SQL, Kubernetes Engine, Compute Engine

AWS Cloud Practitioner · Jan 2025
- Cloud architecture fundamentals
- Security and compliance best practices

Google Project Management

Availability & Communication

English Proficiency: Native-level.
French Proficiency: Intermediate-level.
Travel Availability: Available for regular travel to Italy for factory visits, team collaboration, and on-site development sessions.
Work Status: Permanent Resident (Green Card holder) - No sponsorship required. Immediate start available.
Remote Collaboration: Experienced with hybrid and fully remote work models.

Why I'm Excited About Stores Platform

I'm excited to contribute to Stores platform because I have direct experience building revenue-generating e-commerce systems (Smagritrade), expertise in your exact technical stack (TypeScript/GraphQL/GCP/Docker), and understand the challenges of scaling platforms that handle significant transaction volumes. My experience with Empowered Nexus and other business platforms demonstrates my ability to deliver polished, production-ready solutions.