Asiedu Richmond

Senior Full-Stack Developer — Frontend-Focused — Production Systems

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PROFESSIONAL SUMMARY

Senior Full-Stack Developer with hands-on experience building, deploying, and maintaining production web applications. Strong background in backend development, API design, and scalable system architecture, with modern frontend experience. Proven ability to learn independently, ship real-world products, and deliver business value without reliance on formal academic training.

CORE COMPETENCIES

Full-Stack Development   Next.js & React Frontend   Tailwind CSS & Responsive UI   Node.js & MongoDB Backend   RESTful & Asynchronous APIs   Authentication & Authorization   Performance Optimization & Scalability   CI/CD, Docker & Production Deployment   Cloud API Integrations (Paystack, AI APIs)   End-to-End System Architecture & Ownership

PROFESSIONAL EXPERIENCE

Senior Full-Stack Developer   2024 – Present
Independent / Freelance   *Remote*

- Architected and delivered production-grade full-stack applications using **Next.js, React, Tailwind CSS, Node.js, and MongoDB**
- Designed and implemented scalable RESTful and asynchronous APIs to support real-world application workflows
- Owned end-to-end backend architecture including data modeling, authentication, authorization, and background processing
- Built reusable, maintainable UI components with a focus on performance, accessibility, and responsive design
- Implemented secure API integrations and optimized database queries to improve application performance and reliability
- Collaborated closely with clients and end users to translate business requirements into high-quality, production-ready features

SELECTED PROJECTS

SayLessAI | *Next.js, Node.js, AI APIs, Image Processing*   2025 – Present

- Designed and built an AI-powered thumbnail generation tool optimized for content creators and marketers
- Implemented prompt-driven image generation workflows to produce high-conversion thumbnails automatically
- Built a full-stack web application with secure authentication, user dashboards, and asset management
- Integrated third-party AI image generation APIs with custom post-processing and style controls
- Reduced thumbnail creation time from hours to seconds using AI automation
- Optimized image output for multiple platforms (YouTube, Instagram, ads) with automated resizing and enhancement
- Deployed and maintained a production-ready system with scalable backend services and usage-based controls

Full-Stack E-Commerce Platform | *Next.js, Node.js, MongoDB, Tailwind CSS, Paystack*   2024 – Present

- Designed and developed a full-stack e-commerce web application using Next.js with server-side rendering for improved performance and SEO
- Implemented responsive, accessible user interfaces using Tailwind CSS
- Built backend services with Node.js and MongoDB to manage products, users, carts, and orders
- Integrated Paystack payment gateway for secure online transactions, including payment verification and webhook handling
- Implemented authentication, role-based access (admin/customer), and order lifecycle management
- Deployed and maintained the application with environment-based configuration and production-ready build pipelines

Technical Skills

Languages: JavaScript, Python, HTML, CSS
Frontend: React, Next.Js, HTML5, CSS3, Tailwind, TypeScript
Backend: Node.js, FastAPI, REST APIs
Databases: PostgreSQL, MySQL, Redis, MongoDB
DevOps & Cloud: CI/CD, Google Cloud Platform, Linux
Tools: Git, GitHub Actions, VS Code, Vercel, Hostinger