



Stephen Amoako

AI Developer | Full-Stack Developer | Creative Technologist

AI-Assisted Full-Stack Development • Business Systems • Digital Transformation
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PROFILE

AI-assisted full-stack developer and creative technologist with experience spanning business systems, web and mobile application development, inventory and field operations, IT administration, e-commerce, digital marketing, and visual design. Experienced in using AI coding tools to rapidly turn operational requirements into functional software, while understanding architecture, databases, security, testing, deployment, and user workflows.

WORK EXPERIENCE

The Blue Box Vending Machines LLC

- Dubai, UAE • Creative Technologist • 10/2023 – Present
- Lead creative production, digital systems, marketing technology and IT support for smart retail operations across UAE and Saudi Arabia.
 - Designed and developed a custom full-stack warehouse and field-operations platform as an independent development project, using React/Next.js, React Native/Expo, TypeScript, Supabase and PostgreSQL.
 - Applied AI-assisted development workflows and AI coding tools to accelerate software architecture, feature development, debugging, database design, security testing and documentation.
 - Designed WMS workflows covering inventory, FEFO batch management, stock receiving, transfers, returns, field operations, routes, machine checks, audit trails and role-based access control.
 - Designed data and analytics workflows for daily, weekly, monthly and MTD reporting, including machine, product, location, domain and payment-performance analysis.
 - Coordinated API/system requirements and technology integrations involving Televend, Invenda and other operational platforms.
 - Administered Microsoft 365, Google Workspace and office technology systems; provided technical support and process troubleshooting.
 - Designed vending/retail branding, screen advertising, motion content, marketing landing pages and campaign assets.
 - Managed email marketing, social media assets, digital advertising content and e-commerce-related activities.

EmiratesPadPro Sports Academy

- Dubai, UAE • Graphic Designer & E-commerce Sales Manager • 04/2022 – 10/2023
- Managed branding, digital marketing materials, product listings and online sales operations.
 - Handled customer enquiries, order coordination and promotional campaigns across digital channels.
 - Supported website content, product presentation, social media graphics and campaign execution.

VOLUNTEERING

Stichting Clear Mind Ghana Foundation

04/2015 – Present • IT, Graphics & Website Administrator/Designer
Designed and currently support the organisation's website, graphics and digital presence for humanitarian-relief activities.

TARGET PROFILE

AI DEVELOPER
FULL-STACK VIBE CODER
BUSINESS SYSTEMS
DIGITAL TRANSFORMATION

AI & FULL-STACK

AI-assisted development / Vibe Coding
Claude Code & AI coding workflows
React • Next.js • TypeScript
React Native • Expo
Supabase • PostgreSQL • SQL
REST APIs & system integration
Git / GitHub • debugging • testing
Database design • RLS • audit workflows

BUSINESS SYSTEMS

WMS / Inventory Management
FEFO & batch control
Field operations & route workflows
Data mapping & reconciliation
Analytics / MTD reporting
Process automation

IT & DIGITAL

Microsoft 365 / Google Workspace
Televend / Invenda CMS
Website / UX/UI / CMS
Amazon / Noon / Shopify

CREATIVE

Graphic & brand design
Motion graphics
Digital signage
Marketing & e-commerce

TECHNICAL & PROFESSIONAL SKILLS

AI & Software Development

- AI-assisted software development and Vibe Coding
- Full-stack web application development
- Mobile application development with React Native / Expo
- React / Next.js / TypeScript
- Supabase / PostgreSQL / SQL
- API integration, debugging and deployment workflows

Business Systems & Operations

- Warehouse Management Systems (WMS)
- Inventory control, FEFO and batch management
- Stock receiving, transfers, returns and reconciliation
- Field operations, routes and machine workflows
- Business process analysis and digital transformation
- Daily / Weekly / Monthly / MTD analytics

Creative & Digital

- Graphic design, brand identity and motion graphics
- UX/UI and responsive website design
- Marketing landing pages and email systems
- Digital signage / CMS content management
- E-commerce operations: Amazon, Noon, Shopify

IT Administration

- Microsoft 365 administration
- Google Workspace administration
- User support, troubleshooting and systems coordination
- Digital workplace and office technology

EDUCATION

Diploma in IT and Business Administration in Data Information & Technology

National Institute of Information and Technology • 11/2007 – 08/2009

High School Diploma in General Arts

Nkoranza Secondary Technical School • 03/2005 – 07/2007

COURSES & CERTIFICATIONS

I Too Can Program (I2CAP) Programming Contest – Ghana India Kofi Annan Institute of Technology • 04/2006

SELECTED PROJECT CAPABILITY

- Full-stack WMS platform: web management application + mobile field application + centralized PostgreSQL backend.
- Secure transactional inventory architecture with role-based access control, database policies, audit trails and controlled stock operations.
- Analytics architecture for combining operational sales data with payment data and producing management dashboards.
- AI-assisted software engineering: translating business requirements into schemas, workflows, code, tests, debugging plans and deployment tasks.

CORE STRENGTHS

Business + Technology
AI-Assisted Development
Systems Thinking
Process Automation
Database & Workflow Design
Problem Solving
Creative Technology
Cross-functional Collaboration

LANGUAGES

English
Professional working proficiency

PORTFOLIO



Scan to view portfolio

REFERENCES

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