

JOSHUA ATTA AMOAKO

SOFTWARE ENGINEER | PRODUCT BUILDER

Ghana | Open to remote opportunities

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PROFESSIONAL SUMMARY

Software engineer and product builder who turns ambiguous ideas into operable digital products. Experience spans product architecture, full-stack web development, customer support, marketplace systems, construction operations, fintech and global commerce, with a practical focus on clear workflows, reliable integrations and remote collaboration.

TECHNICAL SKILLS

Languages and frontend: TypeScript, JavaScript, React, Next.js, HTML, CSS, Tailwind CSS

Backend and data: Node.js, Python, PostgreSQL, MySQL, Firebase, Supabase, Convex

Platforms and integrations: REST APIs, Stripe, Printful, Clerk, QR scanning, geolocation, PWAs

Product practice: Systems architecture, product strategy, responsive UI, troubleshooting, technical support

EXPERIENCE

Software Support Engineer - AdSpace | Remote, South Africa | 2023 - Present

- Provide first-line support for platform and client-side issues, guiding customers through clear diagnostic and resolution steps.
- Synthesize recurring reports and customer feedback, escalating patterns and technical findings to the wider team.
- Collaborate with developers to reproduce bugs, verify fixes and support the release of corrective updates.

Technical Support - Beibu Gulf University | Qinzhou, China | 2021 - 2023

- Provided software, hardware and remote-computer support for an academic professor's teaching and research work.
- Delivered patient remote guidance and follow-up instructions that enabled more independent handling of recurring issues.

SELECTED PRODUCT WORK

Site Logger | Product Designer, Software Engineer and Systems Architect | 2026

- Designed a low-cost attendance model that replaces dedicated machines with revocable paper-card QR badges and ordinary camera-enabled devices.
- Built a PWA that captures browser scans and fresh GPS evidence for explicit employee check-in and check-out actions.
- Implemented authenticated timekeeper workflows, immutable events, auditable corrections and CSV/XLSX reporting with Next.js, TypeScript, Supabase, PostgreSQL, RLS, ZXing and ExcelJS.

Bianca Alliance | Founder, Brand Director and Product Engineer | 2026 - Present

- Created the venture's brand world, product direction and responsive editorial storefront, connecting original narrative and identity to a live global customer experience.
- Implemented Stripe checkout, Printful fulfillment, Clerk accounts, Convex-backed orders and support, operational administration and first-party analytics.

Soplano | Founder, Product Architect and Software Engineer | Ongoing

- Designed a role-aware social marketplace with Seller Mode, Supplier Mode and group buying, mapping the journeys and permissions of sellers, suppliers, buyers and groups.
- Developed the Hands-Free Store proposition and connected the multi-sided business model to product architecture, interface direction, implementation and launch thinking.

PUBLICATION

The Reexportation Lever | Independent policy report | Zenodo, 2026 | doi.org/10.5281/zenodo.21510794

EDUCATION

Bachelor's Degree, Computer Science and Technology (Certificate of Engineering) | Beibu Gulf University, China | 2019 - 2023

INTERESTS

Philosophy, listening to audiobooks, and writing short thought pieces.