

# Andy Aseye Kofi Sedzifa

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## SUMMARY

Product-minded, high-craft Full Stack Engineer with 4+ years of experience engineering complex web applications and agentic AI automations for high-growth startups and national platforms. Deep specialization in building premium, high-fidelity user interfaces, scalable backend architectures, and production-grade LLM workflows. Proven track record of operating autonomously in fast-paced startup environments, navigating ambiguity, and scaling products from conception to launch.

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## SKILLS

- **Frontend:** React.js, Next.js, Nuxt 3, TypeScript, JavaScript (ES6+), Tailwind CSS, Radix UI, Three.js, Vite.js
- **Backend & DB:** Node.js, NestJS, RESTful APIs, GraphQL, PostgreSQL, MongoDB, TypeORM
- **AI & Automation:** Agentic AI Systems, LLM Orchestration, Google Agent Development Kit, Claude Code, Cursor, TensorFlow
- **Cloud & DevOps:** AWS, Docker, CI/CD, GitHub Actions, Azure DevOps, Webhook Infrastructure
- **Testing & Practices:** System Architecture, Jest, Vitest, Playwright, TDD, Agile/Scrum, Code Reviews

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## PROJECT

### Multi-Agent Workflow Engine | Google for Startups AI Agents Challenge

Rubicx • [atlas-dashboard-mi2mqj3nzq-uc.a.run.app/](#) • June 2026 - Present

- Architected and developed an advanced multi-agent system leveraging the Google Agent Development Kit and Gemini to automate complex developer operations and startup workflows.
- Implemented agentic state management, autonomous tool-use protocols, and structured LLM routing to handle multi-step technical tasks with minimal human intervention.

### Digital Product Studio Engine & Ticket Infrastructure | Rubicx / Passa

Rubicx/ Passa • [passa.live/](#) • May 2026 - Present

- Built responsive, clean web user interfaces using Next.js, Radix UI components, and custom CSS layouts.
- Developed a ticketing web application with webhook integrations, a donation portal, and Paystack payment processing for clients.

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## EXPERIENCE

### Software Developer (Full-stack)

Hubtel

April 2023 - Present, Remote

- Architected Ghana's national utility management platform (ECG) from ambiguous requirements to launch, delivering scalable payment processing and issue reporting serving 4.8M+ users nationwide using Next.js, NestJS, and PostgreSQL.
- Owned design and delivery of a secure staff validation platform for the National Service Scheme (NSS) utilizing Nuxt 3 and national ID verification, effectively eliminating ghost payroll entries that saved the state \$51M.
- Extended core high-throughput B2B payment infrastructure processing thousands of daily transactions across hundreds of partner companies, drastically improving system reliability.
- Drove test coverage improvements across critical payment modules using Jest, Vitest, and Playwright, reducing regression incidents during automated CI/CD deployments.

### Team Lead (Full-stack)

RazorGrip Tech

August 2021 - September 2023, New York, NY (Remote)

- Mentored and led a 12-person cross-functional engineering team, establishing structured code review workflows and technical standards that accelerated parallel delivery across three startup products.
- Partnered with product stakeholders to architect an LLM-powered building verification tool, translating complex data into a responsive, browser-based 3D analysis experience using React, Radix UI, Three.js, and Node.js.
- Developed a user-facing AI platform using Python and TensorFlow to process patient CT scans for clinical analysis, collaborating with medical researchers to transition algorithmic code into production-grade systems.
- Independently identified critical workflow friction and engineered an automated compliance orchestration system, reducing compliance form processing time by 90% for a medical equipment manufacturer.

### Frontend Developer (Contract)

Lendsqr

October 2020 - November 2021, Remote

- Collaborated closely with design teams to deliver premium UI enhancements across fintech products, driving a 25% increase in user satisfaction metrics via interface redesigns and CSS performance optimization.

- Led a major migration to a reusable React and Tailwind CSS component architecture, establishing a shared design system that reduced front-end feature development time by 30%.
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## **EDUCATION**

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### **Bachelor of Arts in Economics**

Minor in Geography • University of Ghana • Accra, Ghana • 2022 • 3.16

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