

Prince Ampong

AI Product Engineer

prince@ampongs.com | princeampong.com | x.com/pr1nceampong |
linkedin.com/in/princeampong

Summary

I build AI-native tools, agent workflows, and full-stack systems that turn ambiguous operational problems into working software. My edge is combining engineering execution, product intuition, and business systems experience.

Experience

AI Product Engineering and Workflow Systems: Designed and built AI-first systems across personal execution, healthcare coordination, ecommerce intelligence, and operational automation. Work spans discovery, technical scoping, prototyping, system design, and deployment-oriented iteration.

Growth and Ecommerce Infrastructure: Built reporting systems, analytics workflows, operational dashboards, and automation pipelines for ecommerce and GTM use cases. Past work includes Local European, Rielli Brand, The Potion Studio, and Rialto Theatre.

Selected Projects

FocusTrim: AI-first ADHD execution platform using voice workflows, AI agents, modular architecture, Vercel, Supabase, and OpenAI APIs.

AI Care OS: Healthcare coordination system for home care management with WhatsApp workflows, nurse check-ins, medication tracking, patient summaries, AI-assisted coordination, and offline-first thinking.

V3 Product Intelligence System: Ecommerce intelligence dashboard for SKU extraction, AI-assisted categorization, moat analysis, CSV/PDF exports, dashboards, and structured workflows.

Shopify / Meta Automation Infrastructure: Reporting systems, workflow automation, operational dashboards, growth infrastructure, and analytics pipelines for ecommerce operations.

Technical Stack

Frontend: React, Next.js, TypeScript, Tailwind CSS

Backend: Node.js, Supabase, PostgreSQL, APIs, Serverless Architecture, Vercel

AI: OpenAI APIs, AI Agents, Structured Outputs, Prompt Engineering, Workflow Automation, RAG Concepts

Product / Systems: Ecommerce Systems, Operational Workflows, Analytics, GTM Infrastructure, AI Deployment Thinking