

Theophilus Thomas

PRODUCT ENGINEER & DESIGNER

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SUMMARY

Product engineer and designer who builds data-intensive applications end to end. Architects real-time pipelines and high-volume PostgreSQL systems, then designs the interfaces that make them usable. Currently operating two live analytics platforms, one tracking over 2 million wallets in near-real-time, both built solo using AI as a force multiplier to deliver what typically requires a team. Previously founded and exited multiple online businesses.

EXPERIENCE

Illumri · Founder & Product Engineer 2025 – Present

Cryptocurrency trading analytics platform that turns raw on-chain data into professional-grade market intelligence.

- Architected a near-real-time data pipeline tracking over 2 million trader wallets
- Designed and tuned a high-volume PostgreSQL database: table partitioning, index engineering, query-plan optimization, and capacity planning
- Built real-time delivery over WebSockets/SSE, streaming live prices to every surface
- Integrated an LLM analyst producing on-demand technical trade plans and a smart-money flow feed
- Owned product strategy, brand identity, UX/UI, API design, payments, SEO, and production deployment

StatsArc · Founder & Product Engineer 2025 – Present

Live sports analytics platform combining NBA statistics, real-time odds, and prop research.

- Built automated pipelines ingesting and processing thousands of data points daily across multiple sources
- Implemented LLM orchestration to generate analysis and recommendations
- Delivered the full stack: React/Next.js, Django, PostgreSQL, REST APIs, payments, task scheduling, and monitoring
- Owned design system, brand identity, SEO, and production deployment

Independent Online Businesses · Founder

- Built, scaled, and sold multiple online businesses through Empire Flippers and Flippa, managing the full lifecycle from ideation to exit

TECHNICAL SKILLS

Languages	TypeScript, Python, React, Next.js, Django, Tailwind CSS
Data & AI	PostgreSQL (partitioning, index and query optimization), data pipelines, LLM integration and orchestration, prompt engineering, AI-assisted development, analytics
Infrastructure	Linux, Nginx, CI/CD, DNS/SSL, logging and monitoring, Git, Vercel
Engineering	REST API design, authentication, real-time systems (WebSockets/SSE), payments, web scraping, task scheduling, performance optimization
Product & Design	Product strategy, UX/UI, design systems, brand identity, information architecture, accessibility, data visualization, SEO

EDUCATION

B.S. Information Systems · University of Maryland, Baltimore County 2019