

# Ethan Charles Stuart

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## PROFESSIONAL SUMMARY

Lead a 45-person data and AI product engineering organization at Disney Studios — 5 studio groups, 500+ downstream users, spec-to-shipped lead time down 50% (Jira cycle-time, 6-month rolling), tens of millions in annual efficiency. Built and scaled three enterprise data platforms from zero across financial services, restaurants, and entertainment — Phoenix Fire at Capital Group (100% adoption), CDP across Yum Brands (80% YoY loyalty growth, MMM-attributed, 7,000+ operators), and Disney Studios' multi-agent system (semantic search, RAG, and multi-modal in production). Build personal projects through AI coding tools — NexusWatch (geopolitical intelligence, 45+ live data layers across 86 countries, open source) live; Composer (agentic media) and Product OS (spec-as-code for PMs) in active development.

## CORE COMPETENCIES

**AI-Native Team Operating Model:** AI Coding Tool Deployment | Agent-Augmented Product Workflows | AI-Built Internal Tooling | AI-Fluency Hiring & Onboarding | Cross-Functional AI Task Force & Enablement Program Leadership

**Operational & Strategy Leadership:** Organizational Design & Team Building | Operating Model Development | Strategic Planning & Roadmap Execution | Change Management & Platform Adoption | Executive Stakeholder Management | Matrixed Organization Management

**Enterprise Data Platform:** Enterprise Data Platform Modernization | Customer Data Platforms (CDP) | Data Governance & Lineage | Event Instrumentation & Data Contracts | A/B Testing & Experimentation | Feature Stores | Predictive Analytics | Self-Service Analytics

**AI Capabilities:** Large Language Models (LLMs) | Multi-Agent Systems (MAS) | Semantic Search & RAG | Vector Databases & Embeddings | LLM Evaluation (Evals) | LLMOps | Fine-Tuning | Agentic Orchestration

**AI-First Product Development:** AI Coding Orchestration | Spec #sym.arrow.r Shipped Code | Rapid Prototyping via AI Agents | TypeScript | Next.js | Python | Supabase | Vercel | Claude API & Anthropic SDK

## EXPERIENCE

### The Walt Disney Company | Studio Technology

#### Senior Manager, Data & AI Products and Analytics Engineering

June 2025 — Present

- Lead a 45-person data and AI product engineering organization — 17 direct and matrix reports across 5 disciplines (PMs, analytics engineers, technical writers, program and project managers); set direction for 28 additional via governance forums. Partner with the Director (operating at VP scope) on cross-org strategy and executive engagement; mandate expanded to include Analytics Engineering ownership and cross-org AI enablement.
- Brief CTO and President of Studio Technology monthly on enterprise platform investment; deliver bi-annual studio demos. Collective platform and AI delivery drives tens of millions in annual efficiency gains.
- Mentor 5 PMs across Disney Studio Technology beyond the immediate org; led multiple contractor-to-FTE conversions and several direct-report career growth moves into expanded scope.
- Established an AI-native team operating model — AI coding tools as standard (100% weekly active PM adoption, telemetry-tracked), agent-augmented PM workflows, AI-fluency hiring, and AI-built internal tooling including an in-daily-use PM portal. Spec-to-shipped lead time down 50% (Jira cycle-time, 6-month rolling).
- Expanded platform from 1 to 5 studio groups (15→120 stakeholders, 500+ downstream users) through stakeholder-led change management; established enterprise data governance, metadata, security, and quality frameworks across the same footprint, with production pipelines under documented freshness and quality SLOs.
- Owned platform-level build-vs-buy decisions — consolidated BI tooling (killed a legacy reporting vendor for a unified analytics stack across 5 studio groups) and selected Snowflake Cortex + Neo4j over leading enterprise vector-search and RAG vendors for the multi-agent system (governance and Snowflake-native lineage).
- Shipped semantic search and talk-to-your-data into production; directed architecture decisions across orchestration, Cypher, and RAG agents; integrated TwelveLabs multi-modal AI.
- Delivered a production chatbot suite for studio workflows — multiple chatbots live; lead use case saves 6.5 hours per person per week.
- Delivered a portfolio of production ML forecasting and decision-support models for studio finance (cash flow, quarterly budget); contributor to the studios' cross-company finance transformation.

### Yum Brands | Taco Bell

#### Portfolio Manager, Product, Data & Analytics Platform

January 2025 — June 2025

- Reduced platform incidents 85% (12→1-2 P1/P2 monthly) and increased satisfaction 50% in 60 days — transformed service team into product organization through prioritization frameworks, transparent stakeholder communication, and org-wide BI best practices that rebuilt the data team's brand with senior leadership.
- Led 30+ matrixed team driving enterprise platform strategy — shipped reporting structure, governance frameworks, and Microsoft Fabric + Gen AI capabilities while partnering on AI drive-thru, digital menu boards, and Cantina launches.
- Delivered ML models for labor prediction and CRM alongside data platform support for digital marketing and e-commerce — established foundation enabling downstream AI capabilities across Yum brands.
- Expanded from CDP to full platform portfolio after demonstrating rapid impact — led product vision and roadmap for all enterprise data products serving 7,000+ operators and executives.

#### Staff Product Manager, Enterprise Customer Data Platform

June 2023 — January 2025

- Drove CDP adoption across all Yum brands (Taco Bell, KFC, Pizza Hut) — led implementation and GTM enabling 80% YoY loyalty growth (CDP contribution validated via marketing mix model) through personalized insights and data-driven marketing.
- Shipped ML models and pipelines for retention, lapse prediction, and CRM insights — delivered intelligence to 7,000+ operators through in-store reporting, regional dashboards, and franchisee tracking.
- Transformed data team from order-takers to strategic product organization — led 14+ across product/engineering/analytics, increased satisfaction 40%, and positioned data as enterprise initiative enabler.
- Partnered on enterprise launches — aligned platform with AI drive-thru, digital menu boards, Cantina openings, and menu innovations, establishing data foundation for strategic innovation.

### Capital Group

#### Product Manager, Data Platforms & Strategic Automation

August 2022 — June 2023

- Launched Phoenix Fire data platform (0→ 1) achieving 100% enterprise adoption — transformed sales and marketing operations for all Capital Group ETFs and Mutual Funds through consolidated tools, automated workflows, and modern UI/UX with defined data governance.
- Shipped data product through 3 ETF launches while managing unified product roadmap across Marketing, Sales, and Compliance.
- Established data governance framework enabling proactive quality monitoring and stakeholder notifications — built foundation for reliable, compliant data products in highly regulated financial services context.

### Sprout Mortgage

#### Manager, Analytics & Product Strategy

October 2021 — August 2022

- Built enterprise analytics function from scratch — standardized reporting and drove 15% loan origination increase across 85 sales professionals through product-ops strategy and cross-functional analytics adoption.
- Integrated Power BI with custom CRM — delivered self-service analytics and pipeline visibility for 4 VPs, 10 regional managers, and 85 loan officers, accelerating sales decision-making.

*Previously held investment analysis and BI leadership roles at Pacific Urban Investors (2018–2021) and Civic Financial Services (2016–2018), building the financial analysis and data foundations that inform a career in enterprise data products.*

## PERSONAL PROJECTS

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*Personal portfolio that pressure-tests the AI-native operating model deployed at Disney. Architected and shipped through AI coding tools.*

- **NexusWatch** (nexuswatch.dev) — Real-time geopolitical intelligence platform. 45+ live data layers across 86 countries (conflict, disasters, infrastructure, intelligence, environment); AI analyst synthesizing threat patterns; MCP server for AI agent access. Open source, paired with a geopolitical-risk newsletter. Vite + TypeScript + MapLibre GL + Supabase + Claude API. Live as of April 2026.
- **Composer** (in development) — Agentic media platform. Multi-channel content distribution (newsletter, social, decks) driven by a small set of editorial agents.
- **Product OS** (in development) — Spec-as-code for product managers. OSS CLI + planned commercial dashboard for PR-based spec workflows. TypeScript, Turborepo monorepo.
- **Personal AI/ML work** — Maintain a paper-traded systematic trading research platform with walk-forward evaluation and SEC EDGAR insider-signal modeling, alongside supporting tooling. No real capital deployed.

## WRITING & THOUGHT LEADERSHIP

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**The Data Product Agent** (thedataproducent.substack.com) — Substack on data products, AI-native team operating models, multi-agent systems, and building enterprise software through AI coding tools.

## EDUCATION

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**Loyola Marymount University** — B.B.A. in Finance and Economics

## CERTIFICATIONS

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**AI Fundamentals for Non-Data Scientists** — University of Pennsylvania, Wharton (Credential ID: 9QM1CR10FD5F)

**Databricks Academy Accreditations** — Generative AI Fundamentals + Lakehouse Fundamentals (Credential IDs: 112741113, 112676552)