

Peter Browning

PRODUCT LEADER & BUILDER

AI Readiness · Regulated Data · Hands-On Delivery

CONTACT

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WHAT I DO

AI Readiness
Semantic layer, agent-ready data & interfaces, AI operating model

Product Building
New-product prototyping, working POCs, product-led investment cases

AI-Assisted Delivery
Vibe coding, LLM/agent orchestration, prototype-to-production contracts

Product Strategy
Roadmapping, PI planning, operating-model design, exec storytelling

Regulated Data
Legal entity & reference data, data quality, controls, compliance (FR Y-10)

Discovery & UX
Design thinking, user research, prototype-driven validation

BUILD STACK

TypeScript · React · Node
Electron · Vite · Tailwind / shadcn
SQLite · Drizzle ORM · SQL
Python · LLM agents (MCP)
Salt Design System
Jira · Confluence · Copilot / Claude

EDUCATION

Executive Leadership Program
UVA Darden — Capital One (top 5% of Sr. Leaders)
2019

Master's Certificate, Project Management
The George Washington University
2011

CERTIFICATIONS

Product leader who **builds**. Two decades in large, regulated financial organizations, now focused on what has to be true for enterprise AI to work: I define the foundations — **semantic layer**, agent-ready interfaces, AI operating model — then build them **to dev standards** (typed, tested, design-system-consistent) to prove value before a dollar of engineering is committed, and I've brought the product owners I lead to the same bar.

5+ PRODUCTS & TOOLS BUILT HANDS-ON	Millions OF RECORDS ANALYZED BY TOOLS I BUILT	Hundreds OF FIELDS MAPPED IN SEMANTIC LAYER	29K+ USERS SERVED ACROSS PLATFORMS	60d→1wk FASTER POLICY DELIVERY
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EXPERIENCE

Product Manager & Builder — JPMorgan Chase 2018 – Present
Legal Entity Management & Reference Data Product · Corporate & Investment Bank

AI READINESS & SEMANTIC LAYER

- Semantic layer for AI readiness** — initiated and authored the organization's first semantic layer, targeting the core blocker to AI-ready reference data: the same golden-source field carries a different name in every system UI, database table, and distribution message, while scores of downstream consumers layer on their own taxonomies, diluting lineage at every hop. Mapped **hundreds of fields across the domain's data surfaces** — application UIs, underlying tables, and distribution contracts — enriched with governance context including critical-data-element status and data ownership, and published the case to Product and Technology leadership for build-out.
- AI-readiness strategy** — authored the AI-readiness definition and six-dimension maturity model for a firmwide reference-data product organization — data foundation, agent-ready interfaces, operational AI, knowledge capture, delivery operating model, and people — used to align Product and Technology leadership on investment priorities.
- AI operating model** — created a suite of AI agents that take on routine product work (delivery reporting, story and release drafting, analysis) and stood up a new AI-assisted model for how the team plans, builds, and reports.
- Team capability** — pioneered **"Vibe Coding"** (AI-assisted prototyping) across the Product organization and scaled it into my own team — custom agents and skills that constrain AI generation to approved design-system components, packaged with distributable POCs and enablement guides. **All three product owners I lead now build working prototypes** rather than handing text specs to engineering.

PRODUCTS BUILT & SHIPPED

- Agentic data-quality platform** — designed and built a working data-quality application solo with AI-assisted development. Profiles the firm's wholesale counterparty data — millions of records — against authoritative external sources, scores and confidence-routes every issue, and uses an AI agent to reason over ambiguous cases — surfacing candidate data-quality issues at scale across stakeholder-validated rules, with a full analyst UI, dashboard, and audit trail. One of the org's first product-built apps; in active production use to drive engineering backlogs. *React · TypeScript · Node · SQLite*
- Quikship (Product Delivery App)** — built and maintain a local-first desktop app backed by live Jira data that gives leadership a single, verifiable view of delivery and release status; the same tool I use to keep our own reporting honest. *Electron · React · TypeScript · Drizzle · SQLite*
- Legal-entity platform prototype** — built an end-to-end working prototype of the firm's future Legal Entity Management system of record, built against the real requirements of the incumbent system — making the target state tangible and **de-risking a major funded build** before engineering commitment. Built from designer Figma's plus a functional spec I derived from the incumbent product, using custom agents that constrain generation to the firm's approved **Salt** component catalogue. *React · TypeScript · Salt Design System*
- FR Y-6 ownership calculation** — recovered a business-critical calculation neither vendor source code nor internal SMEs could supply. Derived all **eight ownership formulas** from known inputs, agreed outputs, and Federal Reserve guidance — direct and indirect economic ownership, flat-percentage and share-based, plus subsidiary determination — then ran them across **~18,000 entity records**, reconciling **every record to 100%**. Delivered as regulation-

RECOGNITION

"Provided complete transparency to the multi-year roadmap... a role model for his team."

— Head of OTS

"Pete brought new insights into solution discussions that helped overall delivery of the project."

— Lead Product Manager, partner team

anchored documentation, calculation specs, and a reusable agent skill for engineering handoff. Supports a **CEO-attested Federal Reserve filing**.

DELIVERY & BUSINESS IMPACT

- Led **FR Y-10 regulatory modernization**, replacing a manual, spreadsheet-driven Federal Reserve reporting process with an automated daily change-detection workflow — production go-live with **zero compliance breaches** by over-engineering test coverage until demanding regulatory stakeholders certified the automation over their trusted manual control.
- Drove the **transition off a commercial platform** to an in-house strategic system of record: delivered its first user-facing capability across **tens of thousands of legal entities** and a migration path for **thousands** of legacy users, with straight-through processing designed to eliminate manual re-keying that a service-desk analysis tied to the majority of modification pain.
- Migrated **entity offboarding** and FR Y-10 workflows off legacy platforms onto a modern workflow engine, cutting processing cycle time **~30%**; delivered Annual Elections, Event-Based Filings, and Recertification enhancements reducing manual data entry **~20%** and strengthening the firm's compliance posture.
- Created and scaled an **enterprise entitlements platform** — policy authoring, distribution, and decisioning with an admin console for policy and metadata management — defining access at the **data level rather than per application**, keeping many platforms **RBAC-consistent firm-wide** under one information-owner-approved policy. Migrated multiple platforms onto it — onboarding **13,000+** users, converting **56** legacy policies into reusable configuration, governing **10M+** records — cutting policy delivery from **60 days to under 1 week** and driving **~\$300K** cost avoidance per platform adoption.
- Owned a substantial **hardening, controls, and compliance** book of work driven by a firmwide security review — **remediating day-zero vulnerabilities in production software** through a **jBPM→Flowable** workflow-engine migration, Spring Boot upgrades, Java 11→17, credential migration to a managed secrets store, an e-signature AWS migration, and vendor platform upgrades — embedded into every sprint so delivery and hardening moved together.

DISCOVERY, LEADERSHIP & WAYS OF WORKING

- Ran **design-thinking discovery at depth** — dozens of user, stakeholder, and process-owner interviews feeding iterative prototypes — rebuilding trust across the platform's user community and driving very high sponsor satisfaction.
- Instituted **PI Planning as the first team in the org** (4 events to date), lifting backlog health to 4+ sprints ready and improving roadmap quality; redefined the PM/PO operating model, removing a full PO role of overhead. Revamped incident and defect management, established a cross-LOB **Product Council** of business-area heads, coached senior leaders on AI-enabled product development, and mentored associates across the firm.

Associate → Director, Product Management — Capital One

2000 – 2018

18-year tenure — grew from Associate to Director across Bank Operations and Contact Center Technology & Operations; final role led ~40 FTE

- Modernized the call onboarding experience through complex IVR, telephony, and CRM integration — reduced average handle time **45 seconds** and op-ex **\$2M annually** while improving NPS.
- Built an in-house, machine-learning **speech-to-text analytics platform** converting **100%** of incoming calls, materially advancing complaints modeling and call-type insight.
- Delivered an open-source QA platform replacing legacy tooling; stood up an Access Management team supporting **~1,500 FTE** at **>95%** SLA; defined contact-center incident and crisis-management playbooks; and, as workstream lead on a **~\$200M** digital-branch program, delivered readiness across **~1,000** retail branches on time and on budget.

SELECTED PERSONAL BUILD

- [Exile Forge](#) — a live consumer app for Path of Exile 2 players that values any dropped item and recommends whether to sell, craft, or vendor it, using live economy data, real drop odds, and a step-by-step crafting plan. A self-directed project exercising discovery, prototyping, and AI-assisted delivery end to end. *React · TypeScript · Node · Cloudflare*