

Shawn Lenker

Enterprise AI Transformation | Agentic Systems, Evaluation, and Governance | 15 Years in Enterprise Systems

I benchmark and govern LLMs against the systems enterprises actually run on

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SUMMARY

Technology leader with 15+ years in enterprise systems and two years building and operating agentic AI infrastructure. Directed distributed development work across the United States, Japan, and the Netherlands. Deep Dynamics 365 Finance and Operations and Dynamics AX experience across X++, C#, SSRS, SQL / TSQL, and Azure integrations. Current work centers on multi-model orchestration, retrieval-backed memory, evaluation harnesses with regression gates, and benchmarking local models against enterprise ERP code.

CORE STRENGTHS

Agentic AI and evaluation: Multi-model orchestration, Model routing by cost and capability, Evaluation harnesses and regression gates, Retrieval-backed memory, Durable workflow execution, Python

ERP and application delivery: D365FO development, D365CE development, Dynamics AX, C#, X++, SSRS, SQL / TSQL

Integration and systems design: Azure integrations, Service Bus and Topics, Technical specification authoring, Solution diagramming, Requirements shaping

Leadership and operating style: Development management, Distributed and cross-region delivery, Agile delivery, Team mentoring, Consultant training, Stakeholder communication

EXPERIENCE

Independent AI Systems Work | Sabbatical

2025 - Present

Selected platforms and scope: Agentic AI, LLM Evaluation, Model Routing, RAG, Python, Anthropic Claude, Workflow Orchestration

- Took a sabbatical after relocating from Washington to Texas to be closer to family, and spent it building and operating agentic AI infrastructure.
- Built and run a multi-model system covering orchestration across local and frontier models, routing by cost and capability, retrieval-backed memory, and durable workflow execution.
- Built an evaluation harness with committed baselines and a regression gate, including benchmarks of local models against X++ code generation and grounding checks for hallucination.

Senior D365 Developer | Patagonia Inc.

2022 - 2025

Selected platforms and scope: D365, Azure, Node.js, SKS, Adyen, Avalara Tax, Vertex Tax, Solution Architecture

- Operated as technical lead for distributed development across the United States, Japan, and the Netherlands, coordinating agile delivery and training developers while the organization worked through developer hiring gaps.
- Led and owned D365 initiatives across global finance and operations inside a high-accountability enterprise environment.
- Built custom solutions and system integrations using D365, Azure Service Bus, and Azure Service Topics.
- Delivered tracing, treasury, payments, and cross-platform work including Application Insights Node.js instrumentation, SKS treasury, Adyen, and D365CE to D365FO connectivity.

Technical Consultant | Sikich (MS Gold Partner)

2021 - 2022

Selected platforms and scope: D365FO, Solution Architecture, Project Management, Integration, Spec Refinement, Avalara Tax

- Delivered D365FO upgrades and Microsoft Dynamics 365 Finance and Operations implementations across client environments.
- Supported architecture refinement, requirements shaping, and technical execution for multiple consulting engagements.
- Worked across integration, tax, and business systems concerns while helping client teams move complex work toward delivery.

Application Developer | Biamp Systems

2019 - 2021

Selected platforms and scope: D365FO, D365CE, Manufacturing, BOM Management, Cogiscan, Third-Party Integrations

- Specialized in D365 FO development while also contributing part-time D365 CE development work.
- Designed test bed systems and customizations that supported manufacturing operations.
- Built third-party integrations and practical extensions around business workflows and shop-floor realities.

IT Development Manager | National Technical Systems

2015 - 2019

Selected platforms and scope: Dynamics AX, Dynamics 365 CRM, X++, C#, SSRS, SQL / TSQL, Team Foundation Server, ITAR Registered

- Headed the Dynamics AX development team and managed developers integrating Dynamics 365 CRM with the in-house AX ERP system.
- Led upgrade and implementation work for D365 Finance and Operations in a regulated, high-trust operating environment.
- Owned delivery across application development, reporting, data, and team coordination.

EDUCATION

Bachelor of Science, Business Administration and Management

CERTIFICATIONS

Microsoft Certified Expert, MB-300, MB-500, MB-700 (previously certified; credentials have lapsed)