

Brian J. Glusman

SOFTWARE ENGINEER / TECHNICAL LEAD / AGENT SYSTEMS

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Senior software engineer and technical leader with 20+ years building product platforms, developer infrastructure, and high-trust teams. Recent work centers on production agentic systems: composable tools, verifiable citations, long-running task UX, human-in-the-loop automation, and the boundaries that keep all of it operable.

01 / EXPERIENCE

Technical Lead, Assortment Hub / Senior Software Engineer

2020 - present

PepsiCo / New York City

- Lead architecture and delivery for Assortment Hub, a new product improving how retail operations work across supply chain, catalog, and external retailer boundaries.
- Pioneered and delivered Schippy, a composable agent framework and chat assistant embedded in the core product, including reusable tools and production interaction patterns.
- Designed citation generation and verification, visible tool-use progress for long-running tasks, and human-in-the-loop proposal workflows for business automation.
- Progressed from senior backend engineer to engineering lead and engineering manager; returned to an IC role by choice in 2026 to focus on architecture and hands-on delivery.
- Built shared automation and data-access tooling, mentored engineers, and helped set technical direction across Elixir/Phoenix, GraphQL, PostgreSQL, and Snowflake systems.

Director of Technology / Technical Lead

2015 - 2019

StellaService / PowerReviews / New York / remote

- Turned a prototype into an enterprise platform with hierarchical account modeling, SAML authentication, and a reliable service API.
- Introduced Elixir/Phoenix and Kubernetes, helping establish a more resilient service architecture and delivery model.
- Owned technical and product continuity through acquisition and migration into the PowerReviews platform.

02 / SELECTED OPEN SOURCE

[Wardwright](#) / Elixir / Gleam / Phoenix

A governed, OpenAI-compatible model gateway that turns routing, policy, retries, and receipts into reviewable contracts instead of scattered agent logic.

[Calciforge](#) / Rust / agent infrastructure

A self-hosted safety layer for agents, exploring secrets isolation, destination policy, tool controls, channel routing, and auditable execution.

[ModelSkyline](#) / Python / evaluation systems

An evidence-oriented framework for selecting models with workload-specific Pareto frontiers across quality, cost, latency, and resource use.

[live_dashboard_history](#) / Elixir / Phoenix LiveDashboard

Historical telemetry and trend views for Phoenix LiveDashboard.

03 / EARLIER WORK

Software Developer, Skillfeed / Shutterstock [2014 - 2015] - Product engineering for an internal startup, including internationalization and SEO.

Software Developer, Amicus [2012 - 2014] - Full-stack product work; originated a JSON-HAL hypermedia API and open-sourced supporting tools.

Founder, Enjyn [2009 - 2011] - Product, engineering, fundraising, partnerships, and the useful education of owning the whole problem.

Engineer / Scientist, Boeing Integrated Defense Systems [2001 - 2007] - Software R&D for the Comanche and Future Combat Systems programs.

04 / TECHNICAL RANGE

Agent systems	tool design / model routing / citations / evals / human-in-the-loop workflows / safety and governance
Application engineering	Elixir / Phoenix / OTP / LiveView / GraphQL / PostgreSQL / Ruby / Python / JavaScript
Architecture and operations	product boundaries / distributed systems / Kubernetes / AWS / CI/CD / observability / Snowflake
Leadership	technical strategy / team leadership / mentoring / architecture review / cross-functional delivery

05 / EDUCATION

Recurse Center / Participant [Spring 2015] - A self-directed programming retreat centered on curiosity, depth, and learning in public.

Bowdoin College / B.A., Computer Science [2001] - GPA in major: 3.8.