Brian J. Glusman

ENGINEERING / AGENTS / PRODUCT ARCHITECTURE

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Senior full-stack engineer and technical lead with 20+ years across enterprise products and startups. At PepsiCo, worked on the SCHIP supply-chain platform for six years and now lead AssortmentHub. I take on management when the team needs it and stay hands-on with architecture, LiveView, React, and backend delivery.

EXPERIENCE

Software Engineering / Technical Leadership / Management 2020 - present
PepsiCo

- Spent six years on core SCHIP: warehouse orders, order processing, and executive reporting. Progressed from senior backend engineer to lead and manager; returned to an IC role by choice in 2026.
- Built full-stack features with Phoenix LiveView and React, alongside shared automation and data-access tooling for SCHIP. Improved Snowflake query processes and mentored engineers across Elixir/Phoenix, GraphQL, and PostgreSQL.
- Lead architecture and delivery for AssortmentHub, a new project improving how retail operations work with supply chain, catalog, and external retailers.
- Helped lead design and delivery of Schippy, a composable agent framework and chat assistant inside SCHIP, 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.

Director of Technology / Technical Lead 2015 - 2020
StellaService / PowerReviews

- Turned a prototype into an enterprise platform with hierarchical account modeling, SAML authentication, and a reliable service API.
- Introduced Elixir/Phoenix and Kubernetes; built full-stack features using React, server-rendered HTML, and backend services.
- Owned technical and product continuity through acquisition and migration into the PowerReviews platform.

EARLIER CAREER

Skillfeed / Shutterstock / 2014 - 2015 / Product engineering for an internal startup, including internationalization and SEO.
Amicus / 2012 - 2014 / Full-stack product work; originated a JSON-HAL hypermedia API and open-sourced supporting tools.
Independent contracting / Bloomberg Black / Neomind Labs / 2011 - 2012 / Ruby/Rails development for Bloomberg Black and Neomind Labs.
Enjyn / 2009 - 2011 / Founded a software venture; led product development, engineering, fundraising, and partnerships.
Boeing Integrated Defense Systems / 2001 - 2007 / Software R&D for the Comanche and Future Combat Systems programs.

INDEPENDENT OPEN SOURCE

Wardwright / Elixir / Gleam / Phoenix / A model gateway for routing requests, testing policies before applying them, and recording model and tool decisions.
Calciforge / Rust / agent infrastructure / A Rust gateway for controlling agent access to secrets, model providers, and tools.
Live Dashboard History / Elixir / Phoenix LiveDashboard / Historical telemetry and trend views for Phoenix LiveDashboard.

TECHNICAL RANGE

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

EDUCATION / CONTINUED LEARNING

Recurse Center / Participant / Spring 2015
Bowdoin College / B.A., Computer Science / 2001