# Brian J Glusman

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## Experience

**Engineering Manager – Executive Intelligence Reporting & Analytics Platform   July 2020 – Present**
*PepsiCo*                                                                    *New York City, NY*

- Started as Senior Backend Engineer in supply chain (Elixir, Phoenix, GraphQL)

- Promoted to Engineering Lead (2021) managing warehouse order processing

- Promoted to Engineering Manager (late 2021), supervising junior and mid-level engineers

- Led automation tooling, improved Snowflake query processes, developed widely-used internal frameworks

- Mentored multiple engineers and shifted focus to executive intelligence reporting in 2024

**Director of Technology / Tech Lead**                      **August 2015 – February 2019**
*Stella Service, Inc. / PowerReviews, Inc.*          *New York City, NY / Chicago, IL (remote)*

- Led transformation of prototype to enterprise feature set with hierarchical modeling

- Introduced SAML authentication and microservice API with high uptime

- Pioneered Kubernetes and Elixir/Phoenix adoption across the organization

- Managed product through acquisition and legacy platform migration

## Education

**B.A. in Computer Science**                                                **May 2001**
*Bowdoin College*                                                      *Brunswick, Maine*

**Professional Development Program**                                        **Spring 2015**
*Recurse Center*                                                      *New York City, NY*

- Self-directed programmer retreat focused on open source and deep technical skill-building

## Projects

**live_dashboard_history**                                                    **2021-2023**
*Elixir, Phoenix, LiveView, Telemetry*
Plugin for Phoenix LiveDashboard that adds historical metrics tracking.

- Extends Phoenix LiveDashboard with persistent metrics storage and visualization

- Provides historical trending and performance analysis capabilities

- Published as open-source package with comprehensive documentation

**phoenix_live_dashboard (contribution)**                                      **2021**
*Elixir, Phoenix, LiveView*
Significant PR improving plugin telemetry integration and extensibility.

- Enhanced telemetry integration architecture for better plugin extensibility

- Improved performance and reliability of dashboard updates

- Contributed to core Phoenix LiveDashboard project used by thousands

**OpenPantry**                                                                 **2020-2021**
*Elixir, Phoenix, PostgreSQL*
Elixir/Phoenix app for food pantry inventory and selection management.

- Built inventory management system for community food pantries

- Implemented user-friendly selection interface for clients

- Designed for scalability across multiple pantry locations

## Technical Skills

**Programming Languages**: Elixir, Ruby, JavaScript, Objective-C, SQL, Python, Bash
**Frameworks & Libraries**: Phoenix, LiveView, Rails, GraphQL, Backbone, OTP/GenServer
**Data & Analytics**: Snowflake, PostgreSQL, Data Warehousing, ETL Pipelines, Analytics
**Infrastructure & DevOps**: Kubernetes, Docker, AWS, CI/CD, Linux, Git, Monitoring
**Leadership & Management**: Team Management, Technical Mentoring, Architecture Design, Agile, Code Review