

# Josh Goldstein

Principal Solutions Architect | AI Infrastructure & Solutions Leader

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## HIGHLIGHTS

Technical leader with 10+ years architecting and scaling AI infrastructure and enterprise search solutions from pre-sales through production. Proven track record building solutions functions, influencing product roadmaps, and supporting multi-million dollar opportunities across Fortune 500 and high-growth startups. Deep expertise in vector databases, Kubernetes, LLM serving, and MLOps, with a passion for translating complex technology into business outcomes. Skilled at bridging engineering, product, and GTM teams to accelerate customer success and revenue growth.

## WORK HISTORY

**Customer Excellence Solutions Engineer — Weaviate** Aug 2024 – Oct 2025 · Remote / Amsterdam, ND

- Defined and launched the Bring Your Own Cloud (BYOC) offering, closing a Fortune 50 enterprise and defined the core enterprise product serving multiple large enterprise customers.
- Partnered cross-functionally to strengthen enterprise positioning through customer feedback loops, technical enablement content (Jupyter notebooks, tutorials, ebooks), conference presentations, and advising growth teams on emerging AI capabilities.
- Advised and architected complex agentic and semantic search solutions integrating multimodal retrieval and generative pipelines, showing what's possible and bringing enterprise use cases from concept into production.
- Mentored new Solutions Engineers and established standardized POC frameworks and product feedback processes to accelerate enterprise delivery and adoption.
- Defined and launched the Bring Your Own Cloud (BYOC) offering, closing a Fortune 50 enterprise and defining the core enterprise product now serving multiple large enterprise customers.
- Partnered cross-functionally to align roadmap priorities and strengthen enterprise positioning through customer feedback loops, technical content creation, and market presence initiatives.
- Architected cutting-edge multimodal AI solutions using vision-language models (ColQwen, CLIP) and multimodal vector search, demonstrating what's possible with image-text retrieval and bringing enterprise use cases from concept to production.
- Mentored new Solutions Engineers and established standardized POC frameworks and product feedback processes to accelerate enterprise delivery and adoption.

**Senior Solutions Architect — Seldon** Jan 2022 – Jul 2024 · Remote / London, UK

- Established the North America Solutions Engineering function as the founding member, creating repeatable customer engagement frameworks, POC methodologies, and post-sales delivery patterns that improved time-to-value across enterprise and startup customers.

## TECHNICAL SKILLS

AI Infrastructure Design & Orchestration, Agentic Application Design (RAG frameworks, context management), Vector Databases & Semantic Search (Weaviate, multimodal retrieval), LLM & Generative AI Deployment, MLOps (Seldon Core, MLflow, Azure ML), Kubernetes (EKS / AKS), AWS / Azure Cloud Architecture, Helm / Terraform / Docker, CI/CD Automation, Monitoring & Observability, Python Development, FastAPI / Streamlit Application Development, Data Modeling & Pipelines, Authentication & Authorization, SQL / NoSQL / Graph Databases, Complex Enterprise Architecture, Product Feedback Loops & Experimentation

## SOFT SKILLS

Customer Engagement & Success, Cross-Functional Leadership, Product & GTM Strategy Alignment, Technical Evangelism, Team Mentorship & Enablement, Solution Design & Implementation, Requirements Gathering & Scoping, Strategic Storytelling & Communication, Public Speaking & Conference Presentations, Self-Motivated & Outcome-Driven

## SPEAKING

**Purpose-Built Data Agents: This Is the Way**  
MLOps World / Gen AI Summit - October 2025

**The Value of Data Agentic Tooling: A Work in Progress**

- Co-designed Seldon's LLM product offering, defining agentic AI patterns, customer experience flows, and integration models that enabled enterprise teams to adopt generative AI — establishing best practice patterns used in production deployments.
- Contributed directly to MLServer (core product) by fixing production issues for customers and rebuilding trust that led to a six-figure renewal of an at-risk enterprise account.
- Designed and implemented enterprise-grade inference systems and deployment patterns for ML Endpoints, improving reliability, scalability, and time to production for customers deploying machine learning models at scale.
- Represented customer needs in engineering discussions and closed feedback loops that strengthened Seldon's presence and adoption in the MLOps community.

**Senior Solutions Architect — Keeeb Inc.**

Jan 2021 – Dec 2021 · Boston, MA

- Led technical and go-to-market execution for Keeeb's federated search platform, overseeing pre-sales, customer enablement, and solution design for enterprise accounts.
- Closed the company's first U.S. enterprise deal in the manufacturing sector by designing and delivering a proof of concept that integrated internal data sources into the platform's discovery layer.
- Contributed to product connectors that improved data accessibility, demonstrated agile engineering execution, and unlocked key features required to close first U.S. enterprise deal.
- Structured and led a joint engagement with a systems integrator to migrate a customer's legacy data system to the Microsoft ecosystem, aligning technical scope, pricing, and delivery to ensure success.

**Business Innovation Manager — Lucidworks Inc.**

Mar 2019 – Dec 2019 · San Francisco, CA

- Partnered with Product and Engineering leadership to design and prototype new capabilities for Lucidworks Fusion, drawing on experience as one of the platform's first enterprise customers and an early subject-matter expert.
- Helped define and deliver key product initiatives including a product merchandiser for digital commerce and a low-code/no-code framework for building search applications, contributing to both the initial and next-generation versions.
- Led Lucidworks' first beta program for new products, coordinating with early adopters to capture feedback that informed roadmap priorities and drove product-market fit.
- Collaborated with Customer Success and field teams to turn customer insights into product requirements, driving retention and expansion within enterprise accounts.

**Solution Architect — Lucidworks Inc.**

Jun 2017 – Mar 2019 · San Francisco, CA

- Designed and implemented enterprise search and knowledge solutions using Lucidworks Fusion and Apache Solr for Fortune 500 customers across technology and energy sectors.
- Influenced product direction by relaying customer needs to Product teams and validating new Fusion capabilities with key accounts, ensuring field feedback shaped development priorities.
- Integrated third-party technologies and vendor tools into the Lucidworks stack to expand solution capabilities and support complex customer environments.

MLOps World / Gen AI Summit - August 2025

**WIP: Data and the Value of Data Agentic Tooling**

Toronto Machine Learning Summit - June 2025

**Digital Experience for the Next Generation Knowledge Worker**  
Activate 2019

**Common Mistakes Made Deploying a Search Application with Lucidworks Fusion**  
Activate 2018

**Ethics in Tech**

UC Berkeley EECS Honors Program

**From Model to Microservice > MLOps at Scale**

Southern Data Science Conference

**Various Apache Solr Meetups**

## EDUCATION

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**Bachelor of Science: Information Technology**

Rochester Institute of Technology,  
Rochester, NY

Aug 2007 – Dec 2011

Concentrations in Finance and Communications.

- Created product demos for sales and marketing that contributed to Lucidworks' inclusion in the Gartner Magic Quadrant for Insight Engines.
- Mentored new Solution Architects following the Twigkit acquisition, training them in search theory, Fusion, and Solr technologies.
- Developed internal enablement programs and workshops to strengthen technical expertise across customer-facing teams and introduce new features in the Lucidworks product suite.

**Sales Engineer — Lucidworks Inc.** Feb 2016 – Jun 2017 · San Francisco, CA

- Supported sales teams by designing and presenting search-based solutions to enterprise clients, leading proof-of-concept projects for opportunities ranging from \$500K-\$2M+.
- Directly contributed to 15 consecutive quarters of sales growth by delivering technical wins in complex enterprise evaluations.
- Acted as a technical liaison between customers and engineering, ensuring field feedback informed early product releases and feature prioritization.
- Enhanced Lucidworks' training program by leveraging AWS to improve reliability, scalability, and instructional content.

**Co-Founder / Technical Lead — Mulsanne Dashboards** Apr 2014 – Jan 2016 · Houston, TX

- Designed and led development of Mulsanne Dashboards, an executive-level news and analytics platform that delivered personalized, business-critical updates to help leaders make better decisions throughout the day.
- Architected and implemented the platform's end-to-end infrastructure using Apache Solr, ExpressJS, and MongoDB, supporting real-time data ingestion, indexing, and search.
- Built an NLP/ML data pipeline that aggregated and classified news using RSS feeds, web scraping, NLP techniques, and bespoke machine-learning models developed with an external partner.
- Created internal monitoring and alerting dashboards to ensure system reliability and data accuracy.
- Defined product design, user workflows, and go-to-market strategy in collaboration with the founding team.

**SharePoint Consultant — IIImagineIT** Feb 2012 – Apr 2014 · Houston, TX

- Designed and implemented SharePoint-based knowledge management systems for global oil and gas and construction enterprises, enabling collaboration across globally distributed teams.
- Built taxonomy-driven metadata tagging and classification models using the Expert Systems framework - an early NLP engine for document categorization and content discovery.
- Configured and deployed SharePoint 2010 and FAST Search on-premises, integrating metadata tagging with enterprise search and developing custom taxonomies for business unit workflows.
- Developed custom .NET, PowerShell, JavaScript, and HTML/CSS solutions to extend platform functionality and automate deployment tasks.
- Collaborated with Knowledge Management program teams on information architecture strategy, delivered end-user training, and advised on knowledge management best practices.