

# Anjan Goswami

San Francisco Bay Area, CA

Objective: *AI, Search, and Data Executive*

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## Executive Summary

AI and Data Leader with 20+ years building 0-to-1 systems across Microsoft, Adobe, Salesforce, Walmart, eBay, and Amazon. Deep expertise in generative AI, multimodal LLMs, search and recommendation systems, and large-scale distributed ML platforms. Led high-performing engineering and applied science teams ranging from small incubation groups to 60–80+ people. Delivered production AI used by millions globally.

## Career Highlights

- **Built and scaled major AI systems across Microsoft, Adobe, Salesforce, Walmart, eBay, and Amazon:** Architected multimodal LLMs, Copilot systems, document-structure intelligence, Adobe Stock ranking, Salesforce conversational AI, and Walmart commerce search; led teams of up to 80+ engineers and scientists delivering high-impact ML systems.
- **Led high-impact AI platforms & distributed ML infrastructure:** Designed parallel/distributed training and inference pipelines, CLIP-based retrieval, privacy-preserving and synthetic data systems, and evaluation frameworks improving accuracy, efficiency, and safety across enterprise AI products.
- **Delivered measurable global impact:** Drove double-digit gains in revenue, engagement, and satisfaction via AI-driven ranking and recommendation; built world-class applied-science and engineering teams across the US, EU, and Asia (40–80+ across Adobe, Salesforce, Walmart).

## Areas of Expertise

- **AI/ML/IR:** Generative AI, LLMs, NLP, CV, ranking, recommendation, scalable search.
- **Systems Architecture:** Distributed ML training/inference, high-performance AI platforms.
- **Data & Evaluation:** Human+synthetic datasets, privacy-preserving embeddings, data-centric AI.
- **Leadership:** Built teams of 1→80+; Responsible AI leadership; global organizational scaling.
- **Open Source:** Creator of Thinker — unified LLM access framework (router, schema contracts, ThinkerQL).

## Professional Experience

### Head of AI and Data, Microsoft PowerPoint

2024–Present

- Architected Copilot LLM systems for slide generation, design transformation, summarization, and multimodal workflows; delivered +20% engagement.
- Built the PowerPoint AI/Data org (1→16); led model dev, evaluation, data, and Responsible AI instrumentation.
- Drove long-term AI investments with Office LT and Microsoft Research.

### Director, Machine Learning & Engineering, Adobe

2019–2023

- Managed 40–60 applied-science and engineering staff across Acrobat, Sign, Stock, and Experience Cloud.
- Delivered document intelligence (RAG, privacy-safe embeddings), CLIP retrieval, compact vision models (3× efficiency), and audience discovery (ANN + clustering).

### Director, ML & Engineering, Salesforce

2016–2019

- Led 40–60 global engineers/scientists; built recommender, ranking, conversational AI, and spam detection systems (+20% engagement).
- Drove GDPR/CCPA governance and Responsible AI practices.

### Prior Roles: Walmart, UpWork, eBay, Amazon A9

2005–2016

- Directed 80+ staff at Walmart; delivered ranking, recall, query understanding, and spell-correction models (+23% revenue).

- Built large-scale ranking and relevance pipelines (eBay Cassini, Amazon A9, Microsoft).

## Education

- Ph.D. — UC Davis — M.S. — OSU & USF — M.Tech — IIT Kanpur

## Patents & Publications

- 10+ patents in ranking, search, and ML systems.
- NeurIPS 2025 Workshop — VLM-SlideEval (arXiv:2510.22045).
- Technical essays on AI systems/org design: smartinfer.substack.com