

Michael Lynn

Philadelphia, PA [linkedin.com/in/mlynn](https://www.linkedin.com/in/mlynn) github.com/mrlynn @mlynn

Enterprise AI Deployment & Developer Productivity Leader

Enterprise AI DevRel leader helping engineering organizations adopt intelligent developer tooling at scale. 25+ years of experience across software engineering, infrastructure, enterprise architecture, and developer platforms. Currently driving strategic AI adoption at MongoDB for priority enterprise accounts in financial services, healthcare, and retail. Trusted partner to VP Engineering and CTO stakeholders on rollout strategy, developer enablement, and measurable productivity outcomes.

Core Strengths

- Enterprise AI Deployment & Adoption Strategy
- Developer Workflow Optimization & SDLC Integration
- Executive Stakeholder Engagement (VP, CTO)
- Strategic Account Planning & Expansion
- RAG Architectures & Vector Search
- Prompt Strategy & AI Context Configuration
- Cross-Functional Post-Sale Leadership
- Technical Enablement & Workshop Design

Professional Experience

MongoDB

Principal Staff Developer Advocate --Manager, Strategic Developer Relations Philadelphia, PA | 10+ Years

Lead AI adoption and developer enablement for MongoDB's priority enterprise accounts across financial services, healthcare, and retail.

- Partner with VP Engineering and CTO stakeholders to align AI and data platform adoption with business and engineering objectives
- Design and deliver Developer Day programs used globally to drive hands-on product adoption and usage growth
- Advise enterprise engineering teams on AI architecture patterns including RAG, vector search, semantic retrieval, and agent workflows
- Collaborate with Field Engineering and Sales to deliver seamless post-sale onboarding and expansion

- Translate structured customer feedback into product roadmap influence across AI and search capabilities
- Track engagement signals and technical maturity to identify expansion opportunities

Enterprise AI Rollout & Enablement

- Guided engineering teams in production deployment of RAG-based systems using MongoDB Vector Search
- Developed repeatable AI enablement playbooks for secure and compliant environments including HIPAA workloads
- Led architecture whiteboarding sessions integrating AI workflows into existing SDLC pipelines
- Built open-source tooling adopted by developers implementing retrieval-augmented systems

Worldwide Director of Developer Advocacy

- Led global developer advocacy organization, setting strategy for developer engagement, content, and community growth
- Built and managed distributed teams focused on developer adoption and technical enablement
- Established scalable programs to drive product awareness and hands-on usage across regions

Senior Solutions Architect

- Advised enterprise engineering teams on production architecture, performance optimization, and cloud migration strategy
- Led cross-functional engagements spanning development, platform engineering, security, and executive stakeholders
- Drove adoption across large engineering organizations through structured onboarding and technical workshops
- Served as escalation point for complex architectural and deployment challenges

Fortune 50 Financial Services Firm

Vice President & Global Head of UNIX Engineering

Owned global platform engineering strategy supporting mission-critical financial workloads.

- Led global distributed engineering teams responsible for platform stability, scalability, and security
- Drove automation and standardization initiatives improving operational efficiency and deployment consistency

- Partnered with application and business leadership to align infrastructure strategy with enterprise goals
- Managed large-scale infrastructure environments supporting high-availability financial systems

Selected Enterprise Impact

- Enabled AI and vector search adoption across Fortune 500 financial services organizations
- Delivered hands-on enablement programs reaching thousands of developers globally
- Influenced product roadmap through structured enterprise feedback loops
- Built open-source tooling simplifying RAG implementation with MongoDB Atlas

Selected Projects

mongodb-rag Open-source NPM library simplifying vector similarity search, caching, batch processing, and indexing for RAG applications.

VAI (Voyage AI)

AI-powered workflow template platform integrating semantic code search and MCP server capabilities.

MongoDB Next - NextJS Scaffolding framework

App Framework and scaffold to enable developers to efficiently create applications with NextJS and MongoDB

MongoDB Developer Days

Global hands-on workshop curriculum covering data modeling, aggregation, vector search, and AI application patterns.

Design Review Technical Enablement Built from scratch 120 page, 12 category LMS designed to enable internal technical staff to deliver effective design reviews with enterprise software architects and engineers.

Technical Skills

Data & AI Platforms

MongoDB Atlas, Vector Search, Atlas Search, Queryable Encryption, Aggregation Pipelines, Change Streams, Atlas Data Federation

AI & Machine Learning

Retrieval-Augmented Generation, Embedding Models, Semantic Search, AI Agent Workflows, LLM Integration, Prompt Engineering

Development

JavaScript, Node.js, Python, React, Next.js, REST APIs, Model Context Protocol

Infrastructure & DevOps

Kubernetes, Docker, AWS, GCP, Azure, UNIX/Linux Systems Engineering

Developer Productivity

AI-assisted development workflows, enterprise rollout strategy, workshop facilitation, executive technical briefings

Speaking & Publications

- Speaker at AWS re:Invent and MongoDB.local on AI and data platform evolution
- Frequent presenter, founder and leader MongoDB User Groups and enterprise workshops
- Co-host of The MongoDB Podcast with 160+ episodes focused on developer tooling and applied AI
- Author of technical writing on AI, vector search, and database best practices

Education & Professional Development

Ongoing professional development in artificial intelligence, machine learning, and modern application architecture. 25+ years of applied experience across enterprise infrastructure, software development, and data engineering.

References available upon request.