

BLAIZE STEWART

AI & Enterprise Architect | Microsoft MVP | Author | International Speaker

PROFESSIONAL PROFILE

Blaize Stewart is an AI and enterprise architecture leader, technology strategist, Microsoft Most Valuable Professional, author, educator, and international speaker with more than two decades of experience spanning software development, infrastructure, cloud computing, distributed systems, enterprise architecture, and artificial intelligence.

His career began with programming and network administration while still in school and evolved through software engineering, cloud architecture, consulting, and enterprise architecture into senior technology leadership. His current work is centered on enterprise AI, architecture strategy, AI adoption and governance, modernization, and the organizational decisions required to turn emerging technology into sustainable business capability.

ARCHITECTURE & TECHNOLOGY

Enterprise Architecture. architecture governance, technology strategy, solution architecture, capability alignment, modernization planning, and architecture review.

Artificial Intelligence. enterprise AI architecture, generative AI, RAG, agentic systems, AI adoption and governance, vector search, embeddings, and AI data architecture.

Cloud & Distributed Systems. Microsoft Azure, cloud-native applications, Kubernetes, containers, serverless platforms, microservices, resiliency, high availability, and multitenancy.

Data & Integration. event-driven architecture, APIs, messaging, streaming data, distributed data platforms, real-time systems, integration architecture, and IoT.

Software Architecture. application architecture, .NET, identity and authorization, API architecture, DevOps, platform engineering, and secure software design.

Technology Strategy. evaluation of emerging technology, architecture standards, decision frameworks, transformation roadmaps, and alignment of technology with business outcomes.

PROFESSIONAL EXPERIENCE

GBLI | Global Indemnity | *AVP, AI and Enterprise Architecture*

2025-Present

Leads and shapes enterprise architecture and technology strategy with emphasis on artificial intelligence, application modernization, cloud platforms, architecture governance, and the alignment of technology capabilities with business strategy. Current work includes enterprise AI adoption, architecture decision frameworks, platform and application modernization, resiliency, multitenancy, identity and authorization architecture, and practical architecture review processes.

Xpirit / Xebia | *Cloud Solution Architect*

2023-2024

Provided architecture consulting focused on Microsoft Azure, cloud-native application design, application modernization, resiliency, Kubernetes, distributed systems, and enterprise cloud strategy. Advised organizations on architecture assessment, modernization planning, cloud adoption, and the design of scalable and resilient systems.

Moody's | *VP, Cloud Architecture*

2023

Cloud and application architecture leadership focused on enterprise platforms, architecture strategy, modernization, and cloud technologies.

Atmosera / Wintellect | *Architect*

2016-2023

Delivered consulting, architecture, software development, cloud adoption, and technical education across Microsoft Azure and the wider Microsoft technology ecosystem. Work included distributed systems, infrastructure architecture, Kubernetes and containers, identity, DevOps, application modernization, and cloud-native development.

Earlier Career | *Software, Systems & Infrastructure Roles*

Prior to 2016

Earlier roles encompassed software development, systems engineering, network administration, web development, infrastructure, and application architecture. This hands-on foundation continues to inform an architectural approach that keeps strategy connected to the realities of how systems are designed, built, operated, and maintained.

PUBLICATIONS & TECHNICAL EDUCATION

Stewart has spent much of his career translating complex technology for working practitioners through books, reports, courses, conference sessions, videos, articles, workshops, and hands-on demonstrations.

Architecting IoT Solutions on Azure *O'Reilly Media, 2024*

A 324-page architecture guide to scalable IoT systems on Azure, covering devices, messaging, processing, persistence, monitoring, security, and the complete solution lifecycle.

Streaming Data for Real-Time AI Applications *O'Reilly Media, 2025 | with Bipin Singh*

A practical report on streaming data architectures for AI systems requiring low-latency ingestion, processing, retrieval, and decision-making.

Agentic AI Data Architectures *O'Reilly Media, 2026 | with Ed Huang*

An exploration of data and memory architecture for agentic AI, including retrieval, persistent memory, distributed data systems, and hybrid AI architectures.

Technical education. Developed and delivered technical education for O'Reilly, Wintellect/Atmosera, conferences, corporate audiences, and online platforms. Subjects have included AI and RAG architecture, vector databases, Azure, Kubernetes, containers, distributed systems, cloud migration, security, software architecture, and application modernization.

SPEAKING, RECOGNITION & COMMUNITY

An active international conference speaker, Stewart presents practical, architecture-focused sessions for developers, architects, technology leaders, and mixed technical audiences. Recent appearances include:

- Software Design & Development Conference (SDD) - London, 2025 and 2026
- NDC Porto - Porto, 2025
- Global Software Architecture Summit - Barcelona, 2024 and 2025
- DevSum - Stockholm, 2024 and 2025
- Update Conference - Prague, 2025
- Live! 360 Tech Summit - Orlando, 2024

Speaking topics include artificial intelligence, enterprise architecture, Microsoft Azure, cloud-native application architecture, RAG, agentic AI, Kubernetes, modernization, resiliency, digital transformation, and the practice of software architecture.

Microsoft Most Valuable Professional. 10-time Microsoft MVP, with current recognition in AI and Microsoft Foundry following earlier recognition in Microsoft Azure and cloud technologies. Stewart also holds the Microsoft Certified: Azure Solutions Architect Expert credential.

Open source & public technical work. Maintains a long-running public GitHub presence under theonemule, with projects and experiments spanning networking, security, containers, infrastructure automation, developer tooling, web applications, and cloud technologies. Public technical video work through BlaizeTech / Tech on Fire focuses on practical cloud, software, data, and architecture topics.

WRITING, CREATIVE WORK & ACADEMIC BACKGROUND

Writing has remained a parallel discipline throughout Stewart's technology career. He is the author of The Paladin Chronicles, a six-volume epic fantasy series: Shadow of the Demon, Enemy of My Enemy, Legacy of the Legend, The Seed of Chaos, The Rise of Chaos, and Legacy of the Demon. He is also the author of Made in His Image, Made in Our Image, alongside essays and longer-form work on technology, artificial intelligence, architecture, philosophy, theology, and culture.

His formal academic background combines computer science and philosophy. Undergraduate study in computer science established the technical foundation for his career; graduate study culminated in a master's degree in philosophy and included the writing and presentation of academic papers. The combination remains especially relevant to his work in AI, where questions of knowledge, reasoning, language, judgment, and human agency intersect directly with technical architecture.

Photography is a long-running creative practice encompassing landscape, wildlife, travel, macro, aurora, and astrophotography. Selected work is published through the photography gallery at blaize.net.

SELECTED PUBLIC PROFILES

Website

blaize.net

Microsoft MVP

mvp.microsoft.com

LinkedIn

linkedin.com/in/techonfire

Sessionize

sessionize.com/blaize-stewart

GitHub

github.com/theonemule

YouTube

BlaizeTech