Tavien Morsellin

Certified Cloud & Data Architect
AI & Data Platform Specialist

Contact

2115 Avondale Drive
Seattle, WA 98101, USA
+1 206-555-7829
tavien.morsellin@example.com
www.tavienmorsellin.com
linkedin.com/in/tavienmorsellin

Professional Role

A highly experienced and results-driven Cloud & Data Architect with nearly 30 years of progressive experience in enterprise data platforms, cloud transformation, and artificial intelligence integration. Currently leading the architecture and implementation of data & AI-driven cloud modernization initiatives for global Fortune 500 clients. Exceptional track record in bridging business needs with cutting-edge technical solutions. Proficient in cloud-native architecture, big data frameworks, and AI/ML platform deployment. Adept at leading multinational teams, mentoring technical professionals, and driving innovation in data ecosystems.

Areas of Expertise

- Cloud Architecture: Azure, AWS, GCP, Hybrid Cloud
- Data Platforms: Databricks, Azure Synapse, Snowflake, SQL Server
- AI & ML Integration: Azure AI, OpenAI APIs, MLOps, Generative AI platforms
- Data Governance: Master Data Management, Data Lineage, Compliance
- Full-Stack Development: Python, Scala, Java, TypeScript
- Automation & DevOps: Azure DevOps, GitHub Actions, Terraform, Kubernetes
- Enterprise Solutions: Business Intelligence, Data Warehousing, Real-Time Analytics
- Leadership: Technical mentoring, Project governance, Executive stakeholder management

Career History

2019 – Present
Principal Cloud & Data Architect – Aegis Data Systems, Seattle, WA
- Lead architect for enterprise cloud data platform transformation at 4 Fortune 500 companies.
- Developed large-scale AI-enabled data lakehouse architecture on Azure and Databricks.
- Pioneered integration of Retrieval-Augmented Generation (RAG) solutions for customer service automation.
- Provided C-level advisory on data security, compliance, and modernization roadmaps.

2015 – 2019
Cloud Data Platform Consultant – Freelance, Global Clients
- Designed data lake and AI/ML infrastructure for high-tech and healthcare companies in US and Europe.
- Delivered workshops on cloud data engineering and AI/ML pipeline design.

2010 – 2015
Lead Data Architect – Constellis Technologies, San Francisco, CA
- Spearheaded the migration of legacy data warehouse systems to Azure Synapse.
- Led cross-functional team in developing real-time customer analytics platform.

2004 – 2010
Senior Solutions Engineer – Solari Data Solutions, Chicago, IL
- Designed and deployed custom enterprise data platforms and APIs for clients in finance and insurance.
- Introduced early machine learning models for fraud detection and risk scoring.

2000 – 2004
Software Engineer – Helix Systems Inc., Boston, MA
- Built backend services and databases for early-stage cloud platforms.
- Developed API integrations for logistics and transportation clients.

Educational History

Master of Science in Computer Science
University of Washington, Seattle, WA
Graduated: 1999
Specialization in Distributed Systems and Data Engineering

Bachelor of Science in Computer Engineering
University of Illinois Urbana-Champaign, Urbana, IL
Graduated: 1997

Professional Certifications (2012–2025)
- Microsoft Certified: Azure Solutions Architect Expert
- Microsoft Certified: Azure AI Engineer Associate
- AWS Certified Solutions Architect – Professional
- Google Professional Data Engineer
- Databricks Certified Data Engineer Professional

Languages
English (native), French (fluent), Spanish (conversational)