Thomas Lindqvist

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SUMMARY

AI Architect with 13 years in data and software architecture, the last 4 setting enterprise generative AI and MLOps standards for a 30-hospital health system. Designs RAG and model platforms on Azure and Databricks, with data governance that satisfies HIPAA reviews and clinical leadership.

EXPERIENCE

AI Architect

02/2022 - Present

North Star Health Network

Minneapolis, MN

Nonprofit health system with 30 hospitals and 210 clinics.

- Own the reference architecture for generative AI across **30** hospitals, covering 40 approved use cases from coding to patient messaging.
- Built the MLOps platform on Databricks and Azure Machine Learning, cutting model release time from 3 months to 3 weeks.
- Set data governance rules for PHI, model lineage and responsible AI review, passing 2 HIPAA audits with no findings.
- Advise the CIO and clinical leaders on build-or-buy decisions, retiring 7 overlapping AI tools and saving $1.3M a year.

Principal Data Architect

06/2013 - 01/2022

Twin Cities Insurance Group

Minneapolis, MN

Joined as Data Engineer; promoted to Principal Data Architect in 2018.

- Designed microservices and Kubernetes data services for policy and claims systems serving 3M members.
- Migrated a 200 TB claims warehouse from on-premises servers to AWS, cutting reporting run time 70%.
- Led Python fraud model development that recovered $8M in improper payments in its first year.
- Introduced RAG-style document search for underwriters in 2021, cutting file review time 30%.

SKILLS

Generative AI • MLOps

Data Governance

Databricks • Azure

AWS • Kubernetes

Microservices • Python

RAG

EDUCATION

Master of Science

05/2013

University of Minnesota

Minneapolis, MN

Computer Science

CERTIFICATES

Microsoft Certified: Azure Solutions Architect Expert

Microsoft

03/2023