

# AURIMAS NAUSĖDAS

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## EDUCATION

MULTIPLE UNIVERSITIES | DATABRICKS | AZURE | GCP | AWS

2021 – 2025

Specializations & Certifications in Computer Science & Artificial Intelligence (AI)

UNIVERSITY OF EDINBURGH

Class of 2015

Master of Science with Honors in Chemistry (MChem)

## PROFESSIONAL SUMMARY

Fractional CTO & AI Architect specialising in LLM-powered and data platforms, with 10+ years building production-grade data & AI solutions in enterprise and fintech environments.

Hands-on experience delivering Generative AI applications and ML pipelines across Azure, AWS, and GCP with a strong focus on data quality, observability, and reliability in production.

## HARD SKILLS

*ML & AI TOOLS:* TensorFlow, PyTorch, Hugging Face, LangChain, Spark, Databricks, Keras, Scikit-learn.

*MLOPS & DEVOPS:* Vertex AI, Google Cloud Build, Terraform, Kubernetes, Docker, Kafka, Airflow, Airbyte.

*DATABASE MANAGEMENT:* SQL, DBT, Redshift, Snowflake, BigQuery, Azure Synapse, REST API.

*WEB DEVELOPMENT:* Flask, Django, JavaScript. *VERSION CONTROL:* Git, GitHub, GitLab.

*PROGRAMMING LANGUAGES:* Python, R, Java. *STATISTICS:* SPSS, Stata.

*CLOUD TECHNOLOGIES:* Azure, AWS, GCP. *BI TOOLS:* Power BI, Tableau.

*IMAGE TOOLS:* Midjourney, BeFunky. *ASSISTANCE TOOLS:* Scholar AI, Grammarly, DeepL.

*VIDEO TOOLS:* Adobe Creative Cloud (Adobe Premiere Pro, Photoshop, Audition, Framework), Synthesia & Invideo AI.

## SOFT SKILLS

LEADERSHIP, STRATEGY, COMMUNICATION, COMPASSION, LISTENING, EMPATHY, TEAM PLAYER, DISCIPLINE, CREATIVITY.

## WORK EXPERIENCE

VILNIAUS ASMODAS

2025 – present

AI PROJECT MANAGER

- Led end-to-end AI projects across enterprise environments, from ingestion to development to delivery to communication.
- Developed strategies with stakeholders, analysts, and engineers to align roadmaps with business priorities and measures.
- Designed and oversaw data workflows that ingest, transform, and served data for AI/ML and analytics use cases.
- Implemented data governance to ensure trustworthy, factual, secure, reusable data assets. Responsible for management.

SELF-EMPLOYED

2021 – present

FRACTIONAL CTO, AI ARCHITECT, AI ENGINEER, LEAD & TEACHER | CONTRACT, B2B

- Made Python-based ETL frameworks automating CSV preparation, schema validation, and end-to-end AI data processing.
- Designed AI algorithms for business-specific applications and developed efficient data storage with retrieval systems.
- Co-built POCs and productionized quickly. Automated payment fraud detection, AML analysis, and repetitive work.
- Created caching and API frameworks in Python and C++ for scalable AI-driven fintech operations to detect fraud.
- Worked on AI tools, understanding various organizations' data through structured definitions and data quality checks.
- Created the technical backbone for generative AI tools to live inside enterprise systems in fintech companies.
- Taught students, technical teams, and relevant parties on the usage of AI in their daily work, & on Python.
- Helped professionals to structure, manage, and orchestrate data processes for analytics. Built multimodal AI agents.
- Designed & implemented data models (star/snowflake) and curated layers in data lakes/warehouses.
- Supervised debt collection data pipelines focusing on data validation. Talked about the trade-offs to stakeholders.
- Generated & created data glossaries for usage of key metrics. Regularly communicated technical approaches.
- Improved pipeline efficiency, management & data quality. Made the material relevant to ensuring responsiveness.
- Managed technical teams to integrate LLMs into fintech & enterprise ecosystems. Delivered scalable solutions.

SELF-EMPLOYED

2010 – present

WRITER | FREELANCE WRITER | POET

- Over 15 years of experience. Various projects. Created 75 texts that enhanced creativity and strategic documents.
- Crafted 317 reports, overviews, literature & reviews that enable writing technical and artistic reports.
- Current free personal writing project of AI/Tech/Music/Medicine Weekly Newsletter - **Molecule To Machine**.

## LANGUAGES

LITHUANIAN - MOTHER TONGUE, ENGLISH - C2, FRENCH - B1, RUSSIAN - A1.