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CV no / ID:	44897
Main Expertise:	Python, LLM and RAG
IT Experience since:	2011
Education degree:	Master of Chemistry
Other notes:	Full-time candidate, available to start working almost ASAP

Summary

AI and Python engineer who applies LLM, RAG and agentic systems to enterprise systems in the financial sector, and who brings both halves of this brief: a year inside enterprise debt-collection software at C&R Software in 2023, automating databases and workflows on AWS, and Aegis AI, a prototype legacy-code translator taking COBOL, FORTRAN, PL/I and RPG into Python behind a governance layer that logs tokens, cost and a PII compliance check per call. Python since 2010. AML and fraud work at an electronic money institution. Evaluation harnesses, guardrails and human-in-the loop checkpoints built in from the first prototype. Certified in Claude in Amazon Bedrock, nine completed Anthropic certifications.

Skills/Competencies:

Expert:	Python, FastAPI, Flask, Django,
Advanced:	LLM, RAG, Agentic AI, PostgreSQL, Supabase, Elasticsearch, SBERT, KeyBERT, AWS, Docker, CI/CD
High Competence:	AML and fraud detection, Evaluation harnesses, Model Context Protocol, LangChain
Intermediate Knowledge:	JavaScript, C++, HPLC, Mass spectrometry

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Project Experience:

Oct 2025 - Present

AI Product Engineer (Independent)

N/A

- Built a legacy-code translator taking COBOL, FORTRAN, PL/I and RPG into Python inside an LLM governance platform, with every model call logged against tokens, cost and a PII compliance check, plus a governed ITSM co-pilot in the same system.
- Designed RAG pipelines with a deliberate chunking and embedding strategy, and measured retrieval quality rather than assuming it; chose the model per product, building Aegis AI on OpenAI's GPT-4o and ClearTrace Intelligence on Claude.
- Built agents that reason, plan, use tools and complete multi-step tasks, reaching real systems through Model Context Protocol; one product runs a sixteen-agent streaming workspace.
- Run evaluation harnesses on written rubrics with LLM-as-judge scoring in a plan, do, verify, decide loop, iterating until every criterion clears 8 out of 10 before a human signs off. That harness runs inside the pipeline publishing Molecule to Machine, now past 100 editions.
- Took four AI products end to end, owning problem selection, architecture, backend and deployment, live at aurimas.io. They are prototypes built to show method, not shipped commercial products.

Jun 2024 – Nov 2024

AI Lead

N/A

- Worked on AML and fraud-detection systems at an electronic money institution holding Licence No. 1 from the Bank of Lithuania, where compliance constraints shape what a model is allowed to decide alone.
- Drove AI adoption across the organisation and taught the technical teams, treating adoption as a teaching problem before a technical one.

Jan 2024 – Jun 2024

AI/ML Engineer (contract)

N/A

- Defined the problem, built the scoring and flagging logic and shipped a transaction fraud-detection tool that routed suspicious transactions to human review, prioritising recall and analyst oversight over full automation.
- Ran it as a remote contract engagement from problem definition to a working tool, comparing candidate AI models on cost and quality before committing to one.

2023

Technical Consultant

N/A

Automated and optimised databases and workflows with AWS and Python inside enterprise debt-collection software, working on the ETL and data quality beneath it; built and tuned PostgreSQL and MS SQL Server, with data accuracy, consistency and security as the acceptance bar

2022 - 2023

AI and Python Lecturer

N/A

Taught Python and AI to hundreds of adult learners across two countries, from complete beginners to working engineers; designed the materials, exercises and assessment.

2011 – 2022

Data And Research Engineer

N/A

Built and operated JavaScript scraping robots in production at Euromonitor; analysed scRNA-seq data with machine learning in Python; ran HPLC and mass-spectrometry on COVID-19 proteins; analysed DNA-protein interactions in doctoral research and co-developed a C++ analysis platform.

Education:

2015

The University of Edinburgh, MChem, Master of Chemistry with Honours

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Courses and Certifications:

2026	Anthropic, Claude in Amazon Bedrock (*Anthropic*)
2026	Model Context Protocol: Advanced Topics (*Anthropic*)
2026	Certificate of Completion: Introduction to Agent Skills (*Anthropic*)
2026	Certificate of Completion: AI Fluency Framework & Foundations (*Anthropic*)
2026	Certificate of Completion: AI Fluency for Builders (*Anthropic*)
2021	Deep Learning Specialization (*DeepLearning.AI*)
2024	Microsoft: Accelerating Materials Discovery with HPC and AI (*Microsoft*)

Languages:

Lithuanian	Native or Bilingual proficiency
English	Full professional proficiency