Odminiu st. 8, 01122 Vilnius, Lithuania
M: +370 689 54541
www.itskillhouse.com
adele@itskillhouse.com

CV no / ID:	40278
Main Expertise:	Python, Generative AI / LLM integration, RAG architectures
IT Experience since:	2016
Other notes:	Full-time candidate, available to start working ASAP.

Summary

Senior Developer and AI Engineer with 10+ years of software development experience and 4 years of lecturing. Lead AI architect and developer behind HRLOOP.AI, an AI-powered hiring intelligence platform. Hands-on experience spans AI architecture, Python backend engineering, LLM integration, Retrieval-Augmented Generation (RAG), AI automation, data processing, cloud technologies and information security. Comfortable working across architecture and implementation, turning product requirements into maintainable, production-oriented software solutions.

Skills/Competencies:

Expert:	Python
Advanced:	Django, Django REST Framework, PostgreSQL, LLM integration, Open AI, RAG architectures, Generative AI, PyTorch, scikit-learn, Javascript, Claude, local LLMs, Model Inference Pipelines, Web Application Architecture, Asynchronous Programming, Prompt Engineering
High Competence:	Microservices architecture, Asynchronous programming, Celery, Pandas, NumPy, GCP, Security assessments, AWS, Azure, Linux/server administration, Docker, Kubernetes, Authentication (JWT, OAuth), Rest APIs
Intermediate Knowledge:	PHP, HTML/CSS, CI/CD, Power BI, Data Modeling, Data Processing Pipelines

IT SKILL HOUSE
IT skill with care, quality and commitment

Project Experience:

2026 - Present

Lead AI Architect & Developer

N/A

- Lead AI architecture and hands-on development for HRLOOP.AI, an AI-powered hiring intelligence platform focused on matching candidates with the best-fit roles.
- Own technical design across AI and backend layers, translating product requirements into implementable system architecture and production software.
- Design and implement AI-assisted matching and hiring-intelligence workflows, connecting model capabilities with application services and data flows.
- Develop Python-based backend and AI components with emphasis on maintainability, scalability, security and production readiness.
- Work across architecture and implementation as a senior developer and AI engineer, balancing rapid AI experimentation with reliable product delivery.

May 2024 - Present

Lecturer - Python, Data Science & Cybersecurity

N/A

- Design and deliver training programs in Python, data science and cybersecurity.
- Created and delivered programs ranging from 225 to 540 academic hours; multiple cohorts have completed the courses.
- Develop practical exercises and projects focused on real technical problems.
- Built and introduced a digital learning platform for assignments, tests and project-based learning.

Mar 2022 - Nov 2023

Lecturer / Data Science Curriculum Author

N/A

- Created and maintained a complete data science curriculum covering Python, statistics, machine learning and data analysis.

- Developed lectures, labs, assignments and assessment criteria using Pandas, NumPy, Matplotlib and scikit-learn.
- Delivered theory and hands-on sessions with emphasis on problem solving and real-world datasets.

Jul 2021 - Oct 2022

Information Security Engineer

N/A

- Planned and executed penetration testing and security assessments across systems and applications.
- Analysed vulnerabilities and security risks, collaborated with engineering teams on remediation, and contributed to security policies and procedures.
- Participated in security incident investigation, reporting and employee security awareness activities.

Mar 2016 - Present

Freelance Web & Backend Developer

Independent

- Design, build and maintain web systems and applications using Python, Django, HTML, CSS and related technologies.
- Consult clients on technical architecture, system improvements and development strategy aligned with business requirements.
- Optimize application performance, security, SEO and long-term maintainability; integrate modern web and AI technologies where appropriate.

Jan 2019 - Jun 2019

Lecturer - Python & Django

N/A

- Prepared and delivered Python and Django training materials, practical exercises, projects and assessments.
- Mentored students through programming tasks and explained complex technical concepts in an applied format.

Jan 2019 - Jun 2019

Systems Coordinator / QA Tester

N/A

- Maintained and tested internal web applications using manual and automated quality-assurance workflows.
- Documented test processes and provided recommendations for system improvements based on test results.

Courses and Certifications:

2022	Introduction to Cybersecurity Tools & Cyberattacks (*IBM*)
2022	Introduction to Python for Cybersecurity (*InfoSec*)
2022	Kubernetes: Basic Architecture and First Deployment (*Coursera*)
2022	Cyber Security for Everyone (*University of Maryland*)
2022	Bash Scripting Course (*CodeAcademy*)
2016	PHP Course (*CodeAcademy*)

Languages:

Lithuanian	Native or Bilingual proficiency
English	Professional working proficiency