Vilniaus g. 33, 01122 Vilnius, Lithuania
M: +370 689 54541
www.itskillhouse.com
adele@itskillhouse.com

CV no / ID:	41206
Main Expertise:	AI Engineering, Full-Stack Development
IT Experience since:	2008
Education degree:	Computer and Information Sciences and Support Services (Bachelor's Degree)
Other notes:	Part-time candidate, available to start working almost ASAP.

Summary

An IT industry veteran with over 22 years of experience, now focused on leading and managing AI-driven products and teams. My core strength lies in full-stack development and artificial intelligence, with a strong emphasis on speech technologies, Natural Language Processing (NLP), and Machine Learning (ML). I specialize in building and deploying intelligent systems that leverage technologies such as speech-to-text, text-to-speech, and retrieval-augmented generation (RAG) to deliver real-world impact.

Over the past several years, I've transitioned into a leadership role, managing cross-functional AI teams and steering the development of ML-powered products. I've successfully implemented best practices in agile (Scrum), ensuring efficient sprints, clear roadmaps, well-maintained backlogs in Jira, and a strong culture of collaboration and delivery. From deployment automation to clear documentation and branching strategies (Git Flow, trunk-based development), I focus on building solid foundations that scale with product growth.

My technical foundation is rooted in modern JavaScript/TypeScript ecosystems, including React.js, Node.js, React Native, and GraphQL. I have extensive experience working with cloud platforms, particularly AWS, leveraging services like SageMaker for ML model training and inference, as well as Glue, Lambda, DynamoDB, Amplify, AppSync, Redshift, and more.

In the AI domain, I work extensively with Hugging Face, both for fine-tuning pretrained models and managing custom datasets. I have hands-on experience training and optimizing models on GPUs, preparing and labeling large-scale datasets, and integrating AI services into real-time applications. My experience includes deploying ASR/NLP models in production, building RAG pipelines, and optimizing

inference latency for edge and cloud environments.

I remain deeply hands-on with infrastructure, including Linux server administration, secure deployment pipelines, CI/CD automation, containerization, and observability. My approach blends deep technical knowledge with strong product and team leadership to deliver intelligent, reliable, and user-centered software solutions.

Skills/Competencies:

Expert:	AI/ML, NLP, React.js, Node.js, AWS, iOS, OpernAI (Codex), Cloude
Advanced:	JavaScript/TypeScript, Speech Technologies, React Native, Swift, Realm, RxSwift, MongoDB
High Competence:	GraphQL, Objective C, HuggingFace, AWS Services, QuickSight, WebRTC

Project Experience:

2024 – Oct 2026 (until now)

AI engineer (Freelance)

Contracting AI works/projects

1. Investment Software Company – AWS Infrastructure Automation and Automated Issue Resolution

A company providing investment tools and software needed to minimize downtime, as every minute of disruption comes at a cost. AWS infrastructure automation, issue monitoring, and automated troubleshooting were implemented. As a result, issues are detected and resolved significantly faster, with fixes deployed at the click of a button.

2. Home Appliance Company – Product Catalogue and Pricing Automation

A home appliance company managing over 5,000 products from multiple suppliers struggled with lengthy Excel spreadsheets and monthly price list updates. Automating product catalogue updates significantly accelerated quotation generation and order processing, improved inventory monitoring, and enabled seamless synchronization

with the existing online store. This eliminated much of the manual work previously required to add new products and update pricing.

3. Social Services Company – Route Optimization

A social services provider needed to optimize employee routes and serve more clients without hiring additional staff. The challenge was to determine the most efficient routes while balancing employee workloads and client needs. Automated route optimization helped reduce operational costs, improve scheduling efficiency, and serve more clients with the existing workforce.

4. Smart Newsletters – Personalized Email Automation

An AI-powered newsletter automation solution was implemented to generate and send personalized emails tailored to individual customers. By making communication more relevant and personal, the company increased its conversion rate from 35% to 55%.

5. Accounting Services Company – Automated Invoice Processing

An accounting services company automated its invoice processing workflow. Invoices received from clients via email are now automatically extracted, processed, and entered into the accounting system. This eliminated manual data entry, saving time and improving operational efficiency.

6. Software Development Company – AI-Powered Task Automation

Software development companies are increasingly using AI tools to automate development workflows. Tasks are automatically retrieved from project management systems, executed, reviewed, and tested, with a final quality check performed by a human developer. This approach can accelerate task completion by up to 10 times, enabling companies to develop and improve their products much faster.

7. HR Software – Automated Document Generation

An HR software solution was developed to automate the generation of internal HR documents, including employment contracts, leave requests, employee orders, and other administrative paperwork. The entire process is automated, eliminating manual document preparation and reducing administrative workload.

8. Pergola Construction Company – AI-Powered Technical Drawings and 3D Design

A pergola construction company decided to digitalize its design and production processes using AI. Based on the required dimensions, the solution automatically generates technical drawings, performs structural calculations, and produces 3D models.

Previously, the company relied on manual calculations and trial-and-error cutting without detailed technical drawings. Now, accurate drawings and calculations are generated within minutes and shared directly with production teams. Suppliers also receive precise material specifications, reducing errors, material waste, and preparation time.

Apr 2025 - May 2026

Engineering Manager
N/A

Managing a team focused on AI-driven products, including speech-to-text, text-to-speech, translations, and custom LLM solutions. Responsible for sprint planning, deployment processes, technical documentation, and driving continuous improvement. Actively support technical challenges and align product goals with engineering execution.

Feb 2023 - Apr 2025

Tech Lead RSI
N/A

Pioneering advancements in speech recognition technology, leveraging AI and generative AI for innovations in speech-to-text and text-to-speech capabilities.

Jan 2021 - Feb 2023

Full Stack Engineer
N/A

Worked on projects using Node.js / C# / MongoDB / GraphQL / React.js / Typescript / React Native / AWS . Additionally projects includes WebRTC, RTMP, HLS and video streaming developing. Projects with AWS services like Glue, Athena, Redshift, Lamba, S3, CloudFront, Quicksight, forming data lakes and data warehouses.

Jan 2017 - Sep 2021

Senior iOS Engineer
N/A

Senior iOS developer for Swift/Objective C apps. Maintained 7 apps using Realm, RxSwift.

Sep 2019 - Mar 2021

Senior iOS Developer

N/A

iOS developer for TopSport sports betting app, stack: Swift/Objective C, Realm, RxSwift

Sep 2018 - Mar 2021

Full-stack web and mobile engineer

Freelance

Worked on full-stack projects.

Mar 2012 - Mar 2021

CTO

facemeeting

Developed projects using Node.js, MongoDB, React.js, TypeScript, WebRTC, Realsense, Hololens, C#, C, and C++.

Mar 2008 - Nov 2014

CTO

Media Inovacijos

Worked with PHP/MySQL/Javascript/JQuery stack and projects involving Flash/Actionscript and internal systems.

Education:

2011

Vilnius University, Computer and Information Sciences and Support Services (Bachelor's Degree)

Languages:

English	Full professional proficiency
Lithuanian	Native or Bilingual proficiency