

Roman Kois

Software Engineer, Full-stack developer

#SoftwareEngineering #Integration #ApplicationArchitecture #SystemIntegration #AI #LLM
#MachineLearning #API #Docker #C# #Java #Python #Js #Ts #go #SQL #MSSQL #PostgreSql #PhP

Core Skills & Competencies

Skill	Level
Technology & Development	
System Architecture – SOA, Multichannel, Integration Platforms	4/5
APIs & Integration - REST, middleware design	4/5
Data Architecture	3/5
Programming – Java (android apps, backend services)	3/5
Programming – .NET / C# (backend services)	3/5
Programming – SQL (Postgresql, SQLite)	3/5
Programming – Python (backend services, automation scripts, machine learning)	5/5
Programming - Go (backend services)	3/5
Programming - Java script/Type script (backend services, frontend, tools)	4/5
Programming - PHP (backend services)	4/5
AI/Automation - enterprise use cases	4/5
Version Control & Collaboration - Git, GitHub/GitLab	4/5
Other	
Languages: English (Fluent)	4/5
Problem-solving	4/5
Process Optimization – identifying bottlenecks and improving workflows	5/5
Teamwork	4/5

Education: Software Engineering (STU FEI) Ing. - Masters level

Selected Reference Projects

Client zone @ Wezeo co. (2023–2024)

- Developing tool used to analyze results from lab tests.
Technologies: PHP, Vue.js, Mysql, Docker

Grandpa check @ instarea co. (2024–present)

Grandpa check takes care of the safety and well-being of your elderly loved ones. The app automatically makes phone calls at regular, customizable intervals, gently checking that everything is okay.

- Developed a communication app that enables scheduling, managing, and conducting calls with proactive outreach capabilities.
Technologies: Python, Vue.js, PostgresSql, Docker, RabbitMq, Nginx, OpenAI Realtime API, Twilio

Virtual laboratory @ Slovak Technical University (2024–present)

- Developed an app for virtual experiments on mechatronics 3D models.
Technologies: Vue.js, Python, Node.js, Laravel, MySQL

PulseShape @ instarea co. (2024–Present)

AI-driven company surveys & interviews (VUB)

- Developed an app delivering actionable team insights to improve collaboration and performance.
Technologies: Vue.js, Python, OpenAI Realtime API

Dealership Management System @ instarea co. (2024–Present)

Automotive information system and CMS for used car dealers (Autoniq)

- Developing enterprise SaaS architecture, integration governance, and AI-led systems.
Technologies: C#, Vue.js, PostgresSql, Python, Docker, RabbitMq, Linux, Nginx

<https://www.linkedin.com/in/koi%C5%A1-roman-207761314/>