



CTO / CO-FOUNDER

Peter Čapkovič

Senior IT Architect, Engineering Manager, Software Engineer

Technology leader with 20+ years in enterprise systems across banking (VUB Bank), telco data monetization (Crowdspector, Market Locator), IoT (Elysium SPA), and AI platforms (PulseShape). Expert in system architecture, .NET/C#, Python, and SQL. Co-founder and CTO of Instarea, with deep experience across VUB Bank, Callinspector, SKPay, and IoT systems.

- #SoftwareEngineering
- #SolutionArchitecture
- #Integration
- #BankingSystems
- #SOA
- #Cloud
- #ApplicationArchitecture
- #DataArchitecture
- #ITLeadership
- #CTO
- #SystemIntegration
- #AI
- #LLM
- #MachineLearning
- #APIs
- #DevOps
- #Docker
- #C#

01 Core Skills & Competencies

System Architecture – SOA, MSA, Multichannel, Integration Platforms	★★★★★	Enterprise Banking Systems – VIAMO, Multichannel, Core Banking	★★★★★
Cloud & SaaS Platforms – design, scalability, security	★★★★★	APIs & Integration – REST, SOAP, middleware design	★★★★★
Data Architecture – Datamarts, MDM, Product Catalog, JUM	★★★★★	Programming – Java (banking apps, VIAMO, multichannel systems)	★★★★★
Programming – .NET / C# (intranet, interactive sales processes)	★★★★★	Programming – SQL (Sybase, Oracle, MS SQL, PostgreSQL) – datamarts, audit tools	★★★★★
Programming – Python (automation scripts, state machines, machine learning)	★★★★★	DevOps & CI/CD – pipelines, testing, deployments	★★★★★
AI/Automation – enterprise use cases, governance	★★★★★	Embedded / hardware (ESP8266, ATMEGA) – Smart eco systems, Robotics	★★★★★
IT Leadership – CTO, Engineering Manager (teams 10–40 people)	★★★★★	Solution Governance – approval of technical deliverables	★★★★★

Project & Program Management –
enterprise banking projects



Coaching & Mentoring – analysts &
developers



EDUCATION

Software Engineering (STU FEI) Ing.

CERTIFICATIONS

English (Full Professional) 4/5

instarea.

instarea.com · <https://www.linkedin.com/in/peter-capkovic/>

Selected Reference Projects

Peter Čapkovič · Senior IT Architect, Engineering Manager, Software Engineer

Project manager

2006–2011

SBA @ VUB Bank

Small business application for VUB Bank.

Integration architect

2009–2011

VIAMO @ VUB Bank

Money transfer and payment gateway for VUB Bank.

Solution architect

2011–2013

Multichannel @ VUB Bank

Electronic distribution channels for bank (VUB).

Solution architect

2011–2013

JUM @ VUB Bank

Joint User Model for VUB Bank.

Solution and IT architect / Senior Architect / Development lead / Team lead / Project Manager

2003–2013

VUB Bank a.s.

10 years of enterprise banking — solution architecture, development leadership, and project management.

Solution architect / Development lead

2012–2016

Callinspector @ Instarea

Telco expense management system for telco operators (Slovak Telekom, Orange, O2 SK).

Solution architect / Development lead

2015–2020

Crowdspector @ Instarea

Big data monetization and population analytics for telco operators (Slovak Telekom, Orange, O2 SK, T-Mobile CZ, O2 CZ, STSC Saudi Arabia).

Solution architect / Development lead

2013–2016

SKPay @ Lumiere corporation

Electronic money and loyalty system with multichannel solution for bank (SPPS, Poštová Banka, Slovenská pošta).

Solution architect / Development lead / IoT HW designer

2018–2020

Elysium SPA @ Elysium tech

Smart sauna ECO system, wellness — hardware + software IoT solution.

CTO & Co-founder / Architecture lead / Product development co-lead

2013–2021

Instarea s.r.o.

Architecture lead across all instarea products. Co-founded and grew the engineering team.

CTO & Board member / Architecture lead

2013–2020

Lumiere corporation a.s.

CTO and board member of parent holding company.

Solution architect / ML model designer & developer

2021–2022

DingoDot @ DingoDot co.

Accounting automation system using deep learning models.

CTO & Co-founder / Architecture lead

2021–2022

DingoDot s.r.o.

CTO and co-founder of AI-driven accounting automation startup.

Senior Engineering Manager / Solution architect

2022–2024

Data lineage @ Ataccama

Data management and lineage analysis solution. Engineering management and solution architecture.

Senior Engineering Manager

2022–2024

Ataccama co.

Senior engineering management role at data governance company.

Solution architect / Development lead

2024–Present

Dealership Management System @ Instarea

Automotive information system and CMS for used car dealers (Autoniq). Back-end and database development.

Solution architect / Development lead / LLM prompt engineer

2024–Present

PulseShape @ Instarea

AI-driven company surveys & interviews (VUB). Solution architecture, back-end development, and LLM prompt engineering.

CTO & Co-founder / Architecture lead

2024–Present

Instarea s.r.o.

Returned as CTO. Architecture lead and product development co-lead across all instarea products.