

Peter Capkovic – Senior IT Architect , Engineering manager, Software Engineer

#SoftwareEngineering #SolutionArchitecture #Integration #BankingSystems #SOA #Cloud
#Application Architecture #DataArchitecture #ITLeadership #CTO #SystemIntegration #AI
#LLM #MachineLearning #APIs #DevOps #Docker #C# #Java #Python #SQL #MSSQL
#PostgreSql #Reporting #ESP #IoT

Core Skills & Competencies

Skill	Level
Technology & Development	
System Architecture – SOA, Multichannel, Integration Platforms	5/5
Enterprise Banking Systems – VIAMO, Multichannel, Core Banking	4/5
Cloud & SaaS platforms – design, scalability, security	3/5
APIs & Integration – REST, SOAP, middleware design	4/5
Data Architecture – Datamarts, MDM, Product Catalog, JUM	4/5
Programming – Java (banking apps, VIAMO, multichannel systems)	3/5
Programming – .NET / C# (intranet, interactive sales processes)	5/5
Programming – SQL (Sybase, Oracle, MS SQL, Postgresql) – datamarts, audit tools	5/5
Programming – Python (automation scripts, state machines, machine learning)	5/5
DevOps & CI/CD – pipelines, testing, deployments	3/5
AI/Automation – enterprise use cases, governance	4/5
Embedded / hardware (ESP8266, ATMEGA) - Smart sauna eco systems	4/5
Leadership & Strategy	
IT Leadership – CTO, Engineering Manager (teams 10–40 people)	5/5
Solution Governance – approval of technical deliverables	4/5

Project & Program Management – enterprise banking projects	4/5
Coaching & Mentoring – analysts & developers	5/5
Other	
Languages: English (Full Professional)	4/5
Education: Software Engineering (STU FEI) Ing.	—

Selected Reference Projects and Positions

SBA @ VUB (2006-2011)

Small business application (VUB)

- Project manager

VIAMO @ VUB (2009–2011)

Money transfer and payment gateway (VUB)

- Integration architect

Multichannel @ VUB (2011–2013)

Electronic distribution channels for bank (VUB)

- Solution architect

JUM @ VUB (2011–2013)

Joint User Model (VUB)

- Solution architect

VUB Bank a.s. (2003–2013)

- Solution and IT architect
- Senior Architect
- Development lead
- Team lead
- Project Manager
- Senior analyst & developer

Callinspector @ Instarea co. (2012–2016)

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

- Solution architect
- Development lead

- Back-end & database development

Crowspector @ Instarea co. (2015–2020)

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
- Back-end & database development

SKPay @ Limiereo corporation co. (2013–2016)

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

- Solution architect
- Development lead
- Back-end & database development

Elysium SPA @ Elysium tech co. (2018–2020)

Smart sauna ECO system, wellness

- Solution architect
- Development lead
- IoT HW designer

Instarea s.r.o. (2013–2021)

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

Lumiere corporation a.s. (2013–2020)

- CTO & Board member
- Architecture lead
- Development lead
- Product development co-lead

Elysium tech s.r.o. (2018–2020)

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

DingoDot @ DingoDot co. (2021–2022)

Accounting automation system using deep learning models

- Solution architect

- Development lead
- Back-end & database development
- ML model designer & developer

DingoDot s.r.o. (2021–2022)

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

Data lineage @ Ataccama co. (2022–2024)

Data management and lineage analysis solution

- Senior Engineering Manager
- Solution architect
- Development lead
- Back-end & database development

Ataccama co. (2022–2024)

- Senior Engineering Manager

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

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

- Solution architect
- Development lead
- Back-end & database development

PulseShape @ instarea co. (2024–Present)

AI-driven company surveys & interviews (VUB)

- Solution architect
- Development lead
- Back-end & database development
- LLM prompt and integration engineer

instarea s.r.o. (2024–Present)

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

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