

Peter Nosko

Solution Architect

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Bratislava, SK

Solution Architect with 10+ years of software engineering experience and 2.5+ years leading architectural design in enterprise banking platforms. Expert in translating complex business needs into secure, scalable microservice solutions. Skilled in system integration, cloud migration, functional programming, and stakeholder communication. Passionate about elegant design, clean architecture, and driving engineering excellence.

Work Experience

Solution Architect

Feb 2020 - Aug 2022

ČSOB a.s. (KBC Group)

- Designed and integrated digital banking features including internet banking, mobile banking, and digital signature services
- Translated business requirements into technical designs; orchestrated and designed microservices to fulfill complex workflows
- Led cloud migration initiatives using OpenShift and Kubernetes; ensured high availability and maintainability
- Designed comprehensive UML-based architecture documentation that streamlined project handoffs between teams, reducing onboarding time for new developers and improving alignment with stakeholder requirements.
- Ensured secure architecture following enterprise standards with technologies like Akamai, F5, and RedHat SSO

Senior Software Engineer

Oct 2017 - Dec 2019

self-employed

- Implemented FP backend for a cryptocurrency ATM to support new currencies
- Designed and created several machine-learning tools for text processing

Senior Software Engineer

Aug 2016 - Mar 2017

Vectary a.s.

- Designed a 3D engine and DSL for parametric design
- Prototyped core engine architecture and mentored developers in functional programming

Co-Founder & CTO

Oct 2014 - Jul 2016

Vita Infinita

- Architected and deployed the platform infrastructure, supporting 99.99% uptime
- Led team recruitment and mentored developers in Scala and functional programming

Senior Software Engineer

Apr 2015 - Feb 2016

Essential Data s.r.o.

- Improved and oversaw internal coding guidelines and mentored colleagues in FP and Scala
- Led transition to a new architecture {actor system → functional streams}

Core Skills

Architecture: Microservices, Event-Driven Architecture, SOA, UML 2, ArchiMate, REST

Technologies: Kubernetes, OpenShift, RedHat SSO, F5 Gateway, Akamai, Akka

Programming: Scala, Python, Java, Haskell, C#

Methodologies: Agile, Scrum, Kanban

Education

Slovak University of Technology in Bratislava

Jan 2011 - Dec 2016

M.Sc. Informatics