



Zoltán Horváth

Solution Architect at iKON
Informatika Zrt.

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Skills

Enterprise Architecture Microservices, High availability systems, System design and integration, Identity Provider (IdP) Integration	Infrastructure Automation Infrastructure as Code (IaC), Container orchestration (Kubernetes, Docker), CI/CD pipelines, Terraform, Ansible
Apple Device Integration macOS, iOS, iPadOS, Device security and compliance, MDM System Integration, Automated Device Enrollment	Financial Systems Development Core banking systems, Instant payment systems (AFR), GIRO integration, Netbanking integration, Insurance core systems, Web-based client service systems

Security and Compliance

Enterprise-level security, Operational risk management, Compliance with CIS and NIST standards, Device compliance policies

I am Zoltán Horváth, a seasoned Solution Architect from Budapest, Hungary, with more than 20 years of experience in the IT industry. I specialize in designing and implementing scalable, secure, and efficient solutions for large enterprises. My expertise covers Mobile Device Management (iOS, macOS), CI/CD pipelines, microservices architecture, enterprise infrastructure integration, and the development of core banking and instant payment systems. Passionate about continuously evolving my skills, I thrive on exploring new technologies and optimizing existing solutions to meet the demands of modern IT environments.

Work

Solution Architect Nov 2023 – Present
iKON Informatika Zrt.

Responsible for integrating and managing Apple device infrastructure within multinational and financial institutions. Focused on MDM system implementation, security compliance, seamless device integration into corporate infrastructures.

- Established centralized Apple device management in multinational environments and financial institutions
- Implemented Mobile Device Management (MDM) systems, integrated Identity Provider (IdP) solutions, and maintained client-side security stack components
- Developed automated device enrollment workflows and device compliance policies adhering to CIS and NIST guidelines
- Integrated Apple devices with enterprise infrastructure, including Active Directory, Proxy, VPN, WiFi, etc.
- Analyzed, restructured, and migrated CI/CD pipelines for corporate customers, ensuring alignment with client requirements and industry best practices, including related integrations
- Developed and tested Mobile Device Management support software to enhance user experience and ensure device compliance for macOS devices, including the implementation of CI/CD pipelines, static and dynamic application security testing (SAST/DAST), software notarization, and release management

System Analyst Apr 2021 – Dec 2023
Alfa Vienna Insurance Group Biztosító Zrt.

Handled the design and optimization of system processes, ensuring efficient and scalable solutions in line with business needs. Managed advanced support while coordinating development and testing tasks.

- Designed and optimized system processes and interfaces related to core system
- Authored comprehensive IT documentation for emerging business needs
- Modeled IT solutions using Enterprise Architect
- Coordinated development and testing tasks for successful implementations
- Provided L3-level support for complex technical issues

Software Developer Sep 2019 – Mar 2021
Techron Kft.

Contributed to the development of a high-availability instant payment system using a DevOps approach, taking on a dual role as developer and product owner in key financial projects.

- Developed a high-availability Instant Payment System (AFR) with a DevOps and GitOps approach, leveraging Infrastructure as Code
- Acted as a product owner for the AFR project, ensuring stakeholder alignment
- Built synchronous and asynchronous interfaces for core banking, netbank, and card management systems
- Developed core banking application

<div>Languages</div> <div>Hungarian</div> <div>Native speaker</div> <div>English</div> <div>Intermediate</div> <div>Interests</div> <div>Hobbies</div> <div>laC - Infrastructure as Code, Kubernetes, macOS, Hiking, Cycling</div>	<div>Information Technology Expert</div> <div>May 2015 – Aug 2019</div> <div>Techron Kft.</div> <div>Oversaw the design, testing, and specification of financial institution software systems, playing a critical role in developing and maintaining key interfaces and internal systems.</div> <div> <ul style="list-style-type: none"> Designed, specified, and tested processes for financial institution software systems Developed interface definitions (GIRO, internet banking, Open API, authority requests) Provided support, key user training, and ensured high-quality service delivery Managed development support and ticketing systems as product owner </div>	
	<div>Information Technology Expert</div> <div>Jul 2012 – Apr 2015</div> <div>Bank Assistance Zrt.</div> <div>Performed comprehensive IT consulting and testing services for financial institutions, ensuring the seamless integration of new developments.</div> <div> <ul style="list-style-type: none"> Performed comprehensive module, and system-level testing Created and maintained user, API, and testing documentation Provided consulting services to financial institutions </div>	
	<div>Information Technology Manager</div> <div>Nov 2010 – Jun 2012</div> <div>Forrás Takarékszövetkezet</div> <div>Managed IT operations and security for the institution, overseeing software development initiatives and ensuring regulatory compliance during audits.</div> <div> <ul style="list-style-type: none"> Assessed development needs and drafted business system plans Performed functional testing for financial institution software Maintained IT regulations and represented the institution during audits Management and supervision at the field of operation and information security </div>	
	<div>System Administrator</div> <div>Mar 2005 – Oct 2010</div> <div>Forrás Takarékszövetkezet</div> <div>Handled core banking operations, performed rigorous software testing, and addressed customer support requests.</div> <div> <ul style="list-style-type: none"> Handled operational tasks in core banking systems Tested new software versions and communicated development needs Performed helpdesk tasks and fulfilled electronic service requests </div>	
	<div>Education</div>	
	<div>Kodolányi János University</div> <div>Bachelor’s degree</div>	<div>Dec 2002 – Dec 2006</div> <div>Economics</div>
	<div>Ipari Szakközépiskola és Gimnázium</div> <div>OKJ 52464102</div>	<div>Dec 2002 – Dec 2002</div> <div>Economic Informatics</div>
	<div>Ipari Szakközépiskola és Gimnázium</div> <div>Vocational high school of informatics</div>	<div>Dec 1998 – Dec 2001</div> <div>Informatics</div>