Zoltán Horváth

Solution Architect at iKON Informatika Zrt.

Budapest, HU

contact@horvathzoltan.me

+36 (30) 946 1662

horvathzoltan.me

zhorvath83

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I am Zoltán Horváth, a seasoned Solution Architect from Budapest, Hungary, with nearly 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.

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

Languages

Hungarian
Native speaker

English
Intermediate

Interests

Hobbies
IaC - Infrastructure as Code,
Kubernetes, macOS, Hiking, Cycling

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

Information Technology Expert
May 2015 – Aug 2019

Techron Kft.

Oversaw the design, testing, and specification of financial institution software systems, playing a critical role in developing and maintaining key interfaces and internal systems.

- 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

Information Technology Expert
Jul 2012 – Apr 2015

Bank Assistance Zrt.

Performed comprehensive IT consulting and testing services for financial institutions, ensuring the seamless integration of new developments.

- Performed comprehensive module, and system-level testing
- Created and maintained user, API, and testing documentation
- Provided consulting services to financial institutions

Information Technology Manager
Nov 2010 – Jun 2012

Forrás Takarékszövetkezet

Managed IT operations and security for the institution, overseeing software development initiatives and ensuring regulatory compliance during audits.

- 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

System Administrator
Mar 2005 – Oct 2010

Forrás Takarékszövetkezet

Handled core banking operations, performed rigorous software testing, and addressed customer support requests.

- Handled operational tasks in core banking systems
- Tested new software versions and communicated development needs
- Performed helpdesk tasks and fulfilled electronic service requests

Education

Kodolányi János University
Dec 2002 – Dec 2006

Bachelor's degree
Economics

Ipari Szakközépiskola és Gimnázium
Dec 2002 – Dec 2002

OKJ 52464102
Economic Informatics

Ipari Szakközépiskola és Gimnázium
Dec 1998 – Dec 2001

Vocational high school of informatics
Informatics