

# Igor Zboran

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## Summary

I am a mechanical engineer by education, with professional experience as a systems analyst and systems/solutions architect in the Information and Communications Technology industry. I have a strong enthusiasm for open technologies founded on standards.

## Experience

### Systems Analyst, Systems Architect

*4q s.r.o.*

2024 - 2025

The “priemyselný výskum a experimentálny vývoj v oblasti biotechnológií” project: details under non-disclosure agreement (NDA).

*DITEC, a.s.*

2024

Identity and Access Management system – Ministerstvo spravodlivosti Slovenskej republiky/Ústredný portál verejnej správy: OAuth 2.0/OpenID Connect, IAM.

### Systems Analyst, Systems Architect

*Personal Project*

2019 - 2023

Internet Mail System, Research and Development for the User-Managed Access Working Group (UMA): My role involved researching and improving the Internet mail architecture to enhance user experience, increase efficiency, and provide advanced features. The new architecture enables users to exchange messages, documents, books, photos, podcasts, and videos via the Internet: Various UML diagrams.

### Solutions Architect, Software Developer

*AWE TRADE s.r.o., 4q s.r.o.*

2011 – 2019

- Secure Messaging System – Orange Slovensko, a. s.: Keycloak, Java
- Various SME projects

## **Software Architect, Software Developer**

*Overbond s.r.o.*

2009 - 2010

Design and Development of a two-phase authentication system: C, C++

## **Systems Analyst, Solutions Architect, Software Developer**

*Magistrát hlavního města Prahy*

2007 - 2009

- Employee onboarding and offboarding system – architecture design, HR system integration: Sun Java System Application Server, Active Directory / Java
- Document Management System – workflow design/business process modeling, integrations: Documentum and Alfresco, Adobe Livecycle ES / Oracle Database / JBoss / Java / Digital Signatures / PKI
- Asset Management – system architecture, software architecture: C# / Microsoft SQL / RFID.
- The “Systém náhodného přidělování SPZ” project: – system architecture, software architecture: C# / Microsoft SQL

## **Systems Analyst, Solutions Architect, Software Developer**

*Městská policie hl. m. Prahy*

2008

Compliance parking zones check system: Adobe Flex, C# / Microsoft SQL

## **Solutions Architect, Software Developer**

*Forte s.r.o.*

2001 - 2006

Manufacturing Requirements/Resource Planning system (MRP/MRP II): Delphi, Microsoft SQL

## **Education**

### **Faculty of Mechanical Engineering at the University of Žilina**

Master's Degree, Mechanical Engineering Technologies at the Department of Technological Engineering

1983 - 1988

## **Skills**

Research and Development (R&D) • System Analysis • System/Solutions Architecture • System Specifications • Data Modeling • Network Protocols • SQL Databases • Microservices • IAM • Document Management/Workflow • Active Directory/LDAP • PlantUML • REST API • OpenAPI • Java • Golang • HTML/JavaScript/CSS • OAuth 2.0 • OpenID Connect • Proficiency in English (B2/C1)