

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)