

Personal information

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Date of birth: 24. 08. 1983

Summary of qualifications

- **15 years** of professional software design, architecture and software programming with over **5 years Team Leading (SCRUM/Kanban)**
- **SCRUM, Kanban** proficient – SCRUM master, Agile Team Leadership
- **Microsoft Certified Professional**
 - [Certificate validation](#), Transcript ID: 946820, Access Code: 480ab5df

Technical proficiency

- **.NET (C#)**, JavaScript/Typescript (**Angular, VueJS, ReactJS**), **ASP.NET Core, Python**, Groovy scripting, Gulp,
- **Microsoft SQL Server, PostgreSQL, Neo4j Graph DB, Apache Cassandra**, MySQL, MongoDB.
- **Redis, Kafka, Tibco, AppDynamics, Kibana, ElasticSearch**,
- UML specification, CASE software tools, Rapid Application Development, **SCRUM, Kanban**.

Professional experience

Trading backend – data projections (2018-2020) – part of the team responsible for development of high-performance trading backend manipulating and projecting data on the way to frontends, Angular, MS SQL, Redis, Kafka, Cassandra, Neo4j. (*GVC Holdings*)

Real estate analytics (2018-2019) – responsible for architecture and development of large scraping system of various real estate portals to extract available deals, with advanced calculation models to instantly discover interesting deals, high usage of Redis queues, Postgres, High performance object storage for AI workloads, Python, VueJS. (*Rymain s.r.o.*)

DevOps remake of build architecture (2017-2018) – responsible for complete remake of old-fashion build architecture to latest approaches based on Docker, Service Fabric, Kubernetes and typescript+gulp based system, Jenkins CI, Gitlab CI, Teamcity. (*GVC Holdings*)

Trading tools for bookmakers (2016-2017) – part of the team responsible for development of high-performance trading system of various sport events, high usage of Redis, Kafka, Tibco, load & stress testing. (*Bwin.Party AG*)

Mobile web application with responsive design (2014-2016) – responsible for building mobile web application based on AngularJS which is used for mobile sports betting, I was also in charge of building a custom E2E testing solution based on selenium. (*Bwin.Party AG*)

Team Leader, Solution Architect (2012-2014) – leading team consisting 20 people, working on project for GOV, social security payment processing, we were able to sent ~1 billion EUR through the system. (*TechniServ IT s.r.o.*)

Solution Architect (2011) - .NET based solution for supporting Future Traders with algorithmic alerts, Bloomberg API, WCF, and other components. (*BlackStone Global Ventures a.s.*)

Solution Architect (2008-2011) – I was helping biggest paraplegic Switzerland-based hospital with their internal system. SharePoint Server based solution with interfaces to other existing hospital systems, contained wide workflow system integration (hospital processes), Automatic Document Processing, IDEF0 communication with other systems. (*Swissray AG, ZeroEngineering AG*)

Project Manager and Development Lead (2005-2008) – leading small team of 5 people; our division was mainly implementing highly customized CMS/e-Shop systems. I was also working on various projects for companies including Nokia, HP, Seznam.cz (most visited web portal and search engine in Czech Republic). (*Bluepixel a.s*)

Development Lead (2002-2004) - I was leading a team consisting 4 people working on freeware game which was published in the top magazines in Czech Republic. (*Diverse software*)

More references as well as personal references can be issued upon request.

Education

2003 – 2008 **Master Degree Study Program** – Information Systems,
Brno University of technology, Faculty of information technology

Additional Information

- Driving license, category A, B.
- **English** – C1, Berlitz Proficiency certificate, Level 3-4
- **German** – A1, Basic knowledge

Interests and Activities

- Financial Services knowledge including Equities, Options, Commodities, Statistical arbitrage, Algorithmic Trading.
- Sports, travel, riding a horse.

Certifications

Microsoft
CERTIFIED
*Professional
Developer*

SharePoint Developer 2010

Microsoft
CERTIFIED
IT Professional

SharePoint Administrator 2010