

# Marek Sirkovský

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A pragmatic fullstack developer and enthusiast for new technologies

<b>2021 - Present</b>	<b>ACTUM Digital</b>	Independent contractor
	Working in an international team for Christie's - a British auction house. Lead FE developer in a three-person team.	
<b>2016 – 2021</b>	<b>Freelancer</b>	
	Developed and maintained web applications for various companies. Independently or as a part of the cross-functional teams.	
<b>2005 - 2016</b>	<b>ASD Software s.r.o.</b>	Software Developer and Tech Lead
	From a junior developer position to tech leader and internal trainer.	
<b>2002 – 2005</b>	<b>Study at VOŠ a SPŠ Šumperk</b>	
	IT Communication	Higher education diploma
<b>1998 – 2002</b>	<b>Study at VOŠ a SPŠ Šumperk</b>	
	Electrotechnics	Graduated from high school

## Skills

### Backend

- .NET C# from 1.1 to the latest version.
- Specialization in ASP.NET and related technologies Entity Framework, MVC, Razor.
- MS SQL - excellent knowledge of T-SQL and good knowledge of database management

### Frontend

- JavaScript
- TypeScript
- ReactJS
- MobX
- Semantic HTML and knowledge of CSS authoring– styled components, SASS, BEM

### General

- Design patterns and principles.
- Knowledge of SCRUM methodology.
- A practical attitude to a functional programming
- Design principles of distributed applications
- Web accessibility & performance
- Knowledge of networking and Internet Information Service
- Familiarity with Azure

## Main projects on which I collaborated during my tenure as an employee.

Project	Position
ISOP OPPP - the web application for administration of subsidies - Ministry of Industry and Trade. The web application won the "Microsoft .NET Technology Award".	Developer
IS ESF 2014+ DAP complex web application for the Ministry of Regional Development.	Developer
ISOP 7-13 - administration of "Operational Program Entrepreneurship and Innovation" grants. Ministry of Industry and Trade.	Developer and Deputy Team Leader
CEDR Norwegian Funds large web application for the Ministry of Regional Development.	Developer, Deputy Team Leader, and Tech Lead

## Projects I've worked on as a freelancer:

Company	Project	Technology
<b>Pharmawell a.s.</b>	I built inventory management software for the company that owns the chain of pharmacies. Additionally, I created a WPF application for bar code scanning connected to the European anti-counterfeiting system.	ASP.NET MVC, WPF, MySQL
<b>Oblibene.cz</b>	Development of the e-shop platform and the email management system. I was part of the company's internal team.	ASP.NET Core and React, MS SQL
<b>SAB Finance</b>	I built a WPF application for streamlining currency rates. The application was connected to the Deutsche Bank currency service.	WPF + creating custom actor model library due to the asynchronous nature of the application, MSSQL
<b>Boruvka Kindergarten</b>	I built an auction web application for auctioning photos for a charity event. I created it without any compensation.	ASP.NET and F#, MSSQL
<b>Alza a.s.</b>	I was part of a team that developed a platform for the back office. I designed and developed a scalable application comprising various bleeding-edge technologies (Presto, Apache Kafka, Apache Ignite). I also led internal workshops for employees.	ASP.NET Core, MSSQL
<b>CEMEX Czech Republic, s.r.o</b>	Developed a web application for planning the utilization of truck mixers.	.NET Core and ReactJS, MSSQL
<b>Sophia Language School</b>	Developed a comprehensive online application for teachers and students from Sophia Language School.	.NET Core and ReactJS, MSSQL
<b>Pernamenta a.s.</b>	Developed an online mortgage calculator.	.NET Core and ReactJS, PostgreSQL

<b>Junak – Czech Scouting</b>	Developed a web application that displays available scout bases on an interactive map.	Next.js website running in Azure
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My technology blog:

[https://medium.com/@Mareks\\_082](https://medium.com/@Mareks_082)

Hobbies:

Swimming, math, history, and economics.

Address

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