Marek Sigmund

Curriculum Vitae

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🏠 Adress: Częstochowa, Poland

Professional Profile

Web developer with hands-on experience in building full-stack web applications with a focus on .NET/C# and Angular. I build end-to-end solutions, covering backend logic, data layer, API design, frontend implementation and integration with external services. While maintaining a strong focus on my core technologies, I remain technologically flexible, actively learn new tools and frameworks, and quickly adapt to new technologies, as demonstrated in my portfolio. I am comfortable working both independently and as part of a development team. I hold a Master's degree in AI & Data Science, which enables me to effectively use AI-based tools and develop custom solutions that support and improve my development workflow.

Work Experience

06.2023 – 07.2023

Front-end Developer | ABS Informatyk

Key responsibilities:

- Developing and improving web applications using CMS platforms and front-end technologies, with a focus on responsiveness and usability.
- Conducting UI/UX reviews of applications and websites, preparing recommendations for improvements.
- Supporting the development and optimization of user interface components.

02.2018 – 02.2020	**Telecommunication Installation Technician | Interka**

Key responsibilities:

- Installation and maintenance of telecommunication and fiber-optic networks.
- Configuration and operation of network devices, supporting diagnostics and troubleshooting of network infrastructure

Education

02.2024 – 10.2025	**Częstochowa University of Technology**

Master of Science in Computer Science

Specialization: Artificial Intelligence and Data Science

10.2020 – 02.2024	**Częstochowa University of Technology**

Bachelor of Engineering in Computer Science

Specialization: Web Application Development

09.2016 – 04.2020	**Technical Secondary School No. 1, Olesno**

Specialization: Information Technology

Education level: Secondary (Technical School)

Languages

- Polish – Native
- English – Intermediate/Upper-Intermediate (B2)
- German – Basic (A1)

Technical Skills

- Programming in C# and .NET

- Front-end technologies: Angular, React

- Backend technologies: ASP.NET Core, Node.js

- Web application development: Full-stack

- Databases**:** SQL & NoSQL (SQL Server, MongoDB, Firebase)

- Knowledge of design patterns

- Fundamentals of machine learning and data analysis

- Ability to work independently and in a team

- Technological flexibility and fast learning of new tools

Interests

I am interested in artificial intelligence and its practical use in real-world applications. In my spare time, I work on electronics and microcontroller programming, creating my own DIY devices and small technical projects. I am also passionate about computer games not only as a form of entertainment, but also as a creative medium.

Links

Portfolio: https://mareksigmund.github.io/Portfolio_eng/