Curriculum Vitae

RADEK VYMĚTALÍK

Software developer with a passion for building unique GUIs, React and .NET

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Education

June 2026 (expected)

Master's degree in Software Development, Faculty of Science, Palacký University Olomouc

- Master thesis: *Web tool for concept lattice visualization* [radekvym.github.io/konlatt]

June 2024

Bachelor's degree in Computer Science, Faculty of Science, Palacký University Olomouc

- Graduated with Distinction (Red Diploma)
- Bachelor thesis: *DBLP database analysis tool* [github.com/RadekVyM/dblp-analysis-tool]

Work Experience

Internship, October 2025 – January 2026

Software Developer Intern at Computer Centre of Palacký University (CVT)

- Contributed to the development and modernization of university information systems
- Collaborated with a professional development team and gained experience with internal software infrastructure
- Worked with ASP.NET Core, HTML, CSS, and internal libraries

Part-time, 2019 – 2025

Technical Content Creator at ITnetwork.cz

- Authored 240+ technical tutorials, practical exercises and other learning materials for the largest Czech IT e-learning platform
- Contributed to courses for ASP.NET Core, Entity Framework Core, .NET MAUI, JavaScript, React, and more

Featured Work

Master's Thesis Project

konlatt [radekvym.github.io/konlatt]

- Created a web application for visualization of Formal Concept Analysis (FCA) data
- Used technologies: React, TypeScript, Tailwind CSS, WASM, Web Workers, Zustand, React Three Fiber, Canvas API

.NET MAUI Open Source Library

SimpleToolkit [github.com/RadekVyM/SimpleToolkit]

- Created a library for advanced UI navigation and lightweight controls in .NET MAUI
- The library has earned 500+ stars on GitHub and over 100,000 total downloads on NuGet.org

UI Showcase App

Marvelous .NET MAUI [github.com/RadekVyM/MarvelousMAUI]

- Created a clone of the "Wonderous" app to demonstrate the limits of tailored UI in .NET MAUI
- The project gained significant community recognition with 500+ stars on GitHub

Skills

- **Technologies:** C#, .NET MAUI, ASP.NET Core, EF Core, React, Next.js, TS/JS, Tailwind CSS, WASM, Git
- **Languages:** Czech (native), English (technical reading and writing, intermediate speaking)