

# Jakub Vanko

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## Work Experience

<b>Web Development Tutor</b> <i>Masaryk University</i> Led seminars and provided code reviews on web development topics including Node.js, Express, REST, TypeScript, React, Redux, and the overall architecture of full-stack web applications.	Jan. 2023 – Jun. 2023
<b>Fullstack Software Developer</b> <i>Red Hat</i> Participated in the development of an internal build system using Java EE and React. Gained experience with microservice architecture and working as part of a scrum team.	Jul. 2021 – Jun. 2022
<b>Technical Translator</b> <i>Vetropack Group</i> Provided English/Slovak translation of IT manuals, guidelines, directives and policies including specialized ITIL documentation.	May. 2018 – Jan. 2019

## Education

<b>Master's degree in Software Engineering</b> <i>Masaryk University</i>	Feb. 2023 – Present
<b>Bachelor's degree in Computer Science</b> <i>Masaryk University</i>	Sep. 2020 – Jan. 2023

## Projects

<b>Bachelor's thesis</b> <i>Web application for sharing medical data</i> Implemented a full-stack application in React and Express for packaging and delivering data captured by medical devices. The significant features of the application include cooperation with other microservices and a specialized 2-factor authentication system. The application is to be used by over 100 users every month, saving the university over 700 € per year.
<b>Web Development</b> <i>sphaera.jakubvanko.com</i> Created a full-stack web application for a concert venue. This fully responsive React application included a ticket ordering system, custom content management system, token login system, REST API, and GraphQL endpoints.
<b>Java</b> <i>commoncore.jakubvanko.com</i> Developed object-oriented software in Java including Minecraft game plugins downloaded over 10,000 times and used on over 100 game servers. It also features complete documentation and a website created using React.

## Languages

<b>English</b> Proficient	C2
<b>Slovak</b> Native	C2

## Certifications and Awards

<b>C2 Advanced English</b> <i>Cambridge Assessment English</i>
<b>Scholarship for the top 2% of bachelor students</b> <i>Masaryk University</i>