



VÍTHORÁČEK

FULL STACK DEVELOPER / COMPUTING SCIENCE AND MATH STUDENT
SEEKING A SUMMER INTERNSHIP 2021

contact

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experience

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- 5/2020 RASCASONE / FULL STACK ENGINEER
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- PRESENT Extensive **remote** collaboration with designer and project manager. Learnt the importance of clear and frequent communication especially when working remotely. Used **Agile** Methodology for project management. **Weekly** stand-up calls and bi-daily written updates. Communicated directly with the client.
- Developed a statically generated website using **Next.js** with modern **hook** based **React**, **Redux** store and **SCSS** deployed to **Vercel**. Connected its landing page to **Storyblok CMS**. Set up a **Strapi** backend for the app deployed on Heroku. Coded an **interactive** planning tool accomplished by **Konva.js** library.
- Helped to finish a React SPA project with Strapi backend by **debugging** and improving **responsiveness** of the app.
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- 6/2020 TURING TECHNOLOGY / JUNIOR FRONTEND DEVELOPER
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- 11/2020 **Familiarized** with the codebase of an existing React SPA using hooks and Redux. Remote cooperation with a backend developer. **Debugged** the code, wrote new components. Implemented **internationalization** to the app.
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- 2015 FREELANCING FULL STACK ENGINEER SELF-EMPLOYED
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- PRESENT Established a brand called Mountiny used for dealing with clients and presenting my work. **Designed** and developed my personal website portfolio using Vanilla Javascript, SASS and JQuery. Created websites for **local businesses** at my home.
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- 6/2019 PIXELMATE / JUNIOR FRONTEND DEVELOPER
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- 3/2020 Collaborated remotely in a small team with a backend developer, designer and project manager. Coded 3 React SPA frontends with class based components and SCSS for styles. Developed a **custom animated** presentation page with Pixi.js.
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- 9/2019 PRESIDENT OF GLASGOW UNIVERSITY TABLE TENNIS CLUB
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- PRESENT Founded the table tennis club. Planned and managed training sessions, organized social events. Designed and created advertisements. Led the board of the club.

education

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- 2018 UNIVERSITY OF GLASGOW / COMBINED HONOURS COMPUTING SCIENCE & MATHEMATICS / EXPECTED FIRST CLASS
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- PRESENT Chose this combined honours because it provides me with a deeper understanding of mathematical concepts behind various phenomena useful for solving many problems in Computing Science.
- Managed a team for a web development project written in **Python** and **Django**. Designed and programmed the frontend part of the website offering information about blood donations and booking system for donation clinics.



2009 GYMNÁZIUM HOLEŠOV / 2009 - 2017 / GENERAL STUDIES / ALL AS

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2017 Progressed into national rounds of Geographical and Physics Olympiads for 7 years. Founded a debate club at the high school. Organized debates and talks with guest speakers, teachers and students for various topics (ie politics and economy).

skills

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Javascript, HTML5, CSS3, SCSS/SASS, JQuery / Over 8 years of experience / Crafted static websites using these technologies as my first experience with programming. Made websites for a local bike store, café and other small businesses.

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React, Redux, Next.js, Gatsby, GraphQL / Over 2 years of experience / Created frontends using stack combining these technologies. Developed statically generated websites with Next.js deployed to **Vercel** and Gatsby deployed to **Netlify**.

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Python, Django, PHP, Java / Over 2 years of experience / Programmed Django web application as part of my university course. Created a personal **CRUD** app using PHP and MySQL for a bike store website to be able to post and manage news.

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Node.js, Strapi CMS, Storyblok, GraphCMS / One year of experience / Developed **MERN** stack app using Node.js as my **personal** project to improve at backend development. Set up and deployed Strapi backend on Heroku for two projects, creating a custom roles system and API.

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MongoDB, PostgreSQL, MySQL, FaunaDB / One year of experience / Utilized these databases for various projects. Intrigued by the concept of FaunaDB, interested in exploring its possibilities.

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Figma, Sketch, Adobe CC Suite, Zeplin / Over 2 years of experience / Worked with these design tools for various projects as every company and designer preferred different tools. Provided **UX feedback** to designers and project managers.

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Agile project management, Slack, Trello, Jira, clear communication / Over 2 years of experience / Used these technologies and skills for task and project management at companies.

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Team management, event organization, problem solving skills - Volunteered on boards of Glasgow University **European Society** and Glasgow University **Czechoslovakian Society**. Helped to plan and organize social events. Ran debates with guest speakers. Created materials for society's social media accounts. Advertised society's activities on campus.

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English - level C1 - CAE Certificate 2016, French - level B1, Czech - native

interests

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Road and mountain bike cycling.
Table tennis. Football.
Experimenting with different cuisines.
Closely following political and
economical debates.

awards

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**Bronze medal / International Earth
Science Olympiad / 2016 / Japan, Mie**

Represented Czech Republic at a
Natural Science competition. Had to
demonstrate great **problem solving**
skills as well as team working skills.
Managed to win a bronze medal.