

MICHAL BRYXÍ

Outdoor enthusiast & Full stack web developer

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GUIDING EXPERIENCE

E-bike guide in training

Flying Wheels Interlaken

2025 Interlaken, CH

- Guiding e-bike tours for groups of 4 to 8 people
- Picnic preparation, providing local trivia information, answering questions

E-bike tour guide

Loop Tours

2024 Interlaken, CH

- Bikes and picnic preparation, communication with clients, tailoring tour to individual needs
- Providing tours with local knowledge of Interlaken and surrounding areas

OUTDOOR EXPERIENCE

Trail running



- Various running competitions with distances up to 100km
- Baroko 100, Matterhorn Ultraks Extreme, E51, Ben Nevis Ultra, Ring of Steall, Thieves Road Race, Tromsø Tromsdalstind Skyrace, Niesen Treppenlauf, Vertical km du Mont Blanc, ...

Climbing



- Hobby climber up to 6a with focus on sports, with experience in bouldering, multi-pitch and trad
- Introduced many people to sports climbing & bouldering
- Absolved Boulder Routenbaukurse from SAC
- Via ferratas up to grade D

Alpine skiing & ski touring



- Powder skiing course
- Basic avalanche training course

Paragliding



- Solo pilot, IPPI 4, 1x SIKU/SAV
- Flying experience from Switzerland and Nepal

Geocaching



- Keen geocacher and author of few boxes

LANGUAGES

Czech
English
German



CERTIFICATES

Bouldering wall routersetting

SAC

Oct 2024 Yverdon-les-Bains

First Aid

Michael Ingold

Apr 2024 Interlaken

Powder skiing

Cool School

Jan 2024 Lötschental

Basic avalanche training

Outdoor+

Feb 2024 First

STRENGTHS

Ability to automate

Curious

Good User Experience

Improving workflows

Organized

Purposeful

Social

Story telling

EDUCATION

M.S. in Computer Science

University of West Bohemia

2008 – 2011 Pilsen

B.S. in Computer Science

University of West Bohemia

2005 – 2008 Pilsen

IT EXPERIENCE

Sr. Frontend developer

Hochschule für Technik und Architektur Freiburg

📅 2024 – 2025

📍 Freiburg CH

- Short term contract to develop user interfaces for LLMs that help with classification of built environments

Sr. Frontend developer / Engineering manager

CrowdStrike (Cybersecurity)

📅 2018 – 2023

📍 Edinburgh, UK / Interlaken, CH

- Manager: Team leader, sustainability, code quality
- Sr. developer: Frontend and browser extension development
- Developing a tech-debt initiative to improve code quality

Frontend developer

Puppet (IT automation)

📅 2013 – 2018

📍 Belfast, Northern Ireland

- Frontend development of Falcon Console using EmberJS
- Implementation of stricter linter rules to enforce better DX
- Chrome extension implementation to improve DX

DevOps

IntraWorlds s.r.o. (Private social network)

📅 2010 – 2013

📍 Pilsen, Czechia

- Linux infrastructure maintenance and growth. OS and application security and performance. Automation of daily developer tasks.
- Product and infrastructure migration from ISO 8859-1 to UTF8
- Implementation of ISO 27001 - information security management system
- Infrastructure migration to Puppet

Sysadmin

Všechny Zakázky

📅 2012

📍 Pilsen, Czechia

- Linux server administration - *puppet*; virtualization - *libvirt* and *KVM*; security

Linux administrator

mujhost.net

📅 2008–2011

📍 Pilsen, Czechia

- Consultation for existing solutions and their improvement
- Virtualization
- Security

SIDE PROJECTS



MagicPass2GPX

Extract information about pass validity areas from a website and use geocoding API to produce a GPX with said locations



nuudel to ICS

Tool that transforms nuudel "Termin finden" poll into a collection of downloadable '*.ics' files that can be imported into any calendar app.



Vario Skytraxx to CSV

Export statistical data from Vario Skytraxx 2.0 into CSV format



gradient-company.pudr.com

Fully accessible web comics. Exploratory React project trying to bend the rules of what is possible with CSS & accessibility.



ember-dag-generator.pudr.com

Puppet logo generator. D3, EmberJS, Heroku, Material design.



foun.pudr.com

Cell phone invoice manager for Vodafone corporate customers (private project).



Apache fork hack cleaner

Script to detect specific malware installed on websites served via vulnerable version of Apache.



Jenkins AliceBlue & Bitbucket AliceBlue

Chrome extensions to improve DX when working with Jenkins & Bitbucket.



Personal blog

Everything outdoor & sports related



Public talks

7 talks at various IT conferences between 2015 and 2022



beauty-pay.cz

Booking and management system for beauty salons



Justify this Align 4 Tailwind

Visual explanation of TailwindCSS flex / grid classes.



IT camp lector

Camp oriented on acquiring basic knowledge of website development for children from 10 to 15 years of age



tylidi.zcu.cz

Seminar focused on attracting girls into IT



Pilsen on Bike

Critical mass, bike to work, website consultation