

# 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  
Good User Experience  
Improving workflows  
Purposeful  
Curious  
Organized  
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

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## 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

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## 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

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## 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

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## 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

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## Sysadmin

Všechny Zakázky

2012

Pilsen, Czechia

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

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## Linux administrator

mujhost.net

2008–2011

Pilsen, Czechia

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

# SIDE PROJECTS

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### 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



### tyldi.zcu.cz

Seminar focused on attracting girls into IT



### Pilsen on Bike

Critical mass, bike to work, website consultation