

# 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

### Biking



- Several bikepacking trips from Czech Republic to sea
- Bike touring from Havana to the West most point of Cuba
- Part of Wild Atlantic Way on the bike
- Various small tours around Europe
- Active WarmShowers host

## 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