MICHAL BRYXÍ

Outdoor enthusiast & Full stack web developer

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github.com/MichalBryxi

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

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

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

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

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