



Tomáš Hujer

Date of birth: 09/06/1981

Nationality: Czech

CONTACT

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<https://tomas.hujer.eu>

WORK EXPERIENCE

05/2020 – CURRENT Czechia

Freelancer Self-employed

Development of custom projects and own ideas (IoT, Regulation visualization, Home smart automation, Realtime attendance system, MQTT gateway Ethernet/Wifi/GPRS/ESPNow, RFID terminal with MP3 audio, Smart light, Open home alarm, Unlocking doors via web, USB data to Web)

More about projects on <https://tomas.hujer.eu/#projects>

Cooperation with OpenTechLab Jablonec n.N. (Research and development, Business incubation)
<http://opentechlab.cz>

12/2022 – 11/2023 Prague, Czechia

R&D Firmware Engineer BTL Medical Technologies, s.r.o.

- Embedded software and hardware development
- STM32, STM32CubeIDE, STM32CubeMX, Arduino
- Development medical devices on STM32 MCU platform
- Development and construction of various prototypes
- Debugging, Measuring, soldering, testing of components

Business or Sector Human health and social work activities

05/2018 – 05/2020 Prague 3 Zizkov, Czechia

Web/IoT developer SignageOS (self-employed)

Signage cloud development (NodeJS, React, RabbitMQ)
Development of Smart TV network remote controller (C++, Platformio, Arduino, NodeJS, MySQL, Redis)

Business or Sector Information and communication | **Department** Signage |

Email zabka.michael@gmail.com | **Website** <https://www.signageos.io/>

06/2015 – 05/2018 Prague, Czechia

Web developer PHP/NodeJS (self-employed) ABF s.r.o. (PVA EXPO)

PHP, JS, NodeJS, CSS
Long-term development of corporate intranet, eShop (NodeJS, JS, SocketIO), corporate multiweb site (PHP, JS, NodeJS), VPS server manage, Network barcode scanner (JS, NodeJS), Printer API service (JS, NodeJS), File server with API and image autoconversion (NodeJS), Web API (JS, NodeJS), Socket forms (JS, NodeJS), PBX server API (NodeJS, JS), Mailing server (NodeJS, JS), Chat server (NodeJS, JS)

Email jan.macik.bacu@gmail.com | **Website** <https://abf.cz>

Link <https://photos.app.goo.gl/VgDPT8wgG7EM8kpR8>

09/2014 – 05/2015 Prague

Web developer (self-employed) YOUR SYSTEM, s.r.o.

Team web developer - PHP, JS, CSS/LESS, Bootstrap, Wordpress (Roots.io - Bedrock, Capistrano, Composer), GIT, eLearning web app, Social networks aggregator for Škoda Auto a.s.

Email jakub.stepanek@ys.cz | **Website** <https://www.ys.cz>

EDUCATION AND TRAINING

2013 – CURRENT

- **Online courses & learning** JetBrains Academy, CodeSchool, Udemy, Pluralsight
NodeJS, Javascript, Web development, IoT

10/2009 – 11/2009 Liberec, Czechia

- **Training course - Graphic studio worker** S-COMP Centre

- Vector and raster graphic, typography- Photoshop, Illustrator, InDesign 115 hours

03/2008 – 07/2008 Plymouth, United Kingdom

- **Education stay - study of English language and life conditions in UK** European Training Consortium, Ltd.

Project "Leonardo Da Vinci", 1 month intensive language course, 3 months intership in UK

08/1995 – 05/1999 Jablonec nad Nisou, Czechia

- **Graduation and Vocational qualification: Mechanic Electronic with direction to digital and controll technics** SOŠ a SOU LIAZ, Jablonec nad Nisou

Mechanic Electronic with specialization for the digital and control technology

- English language, mathematics, physics, IT
- Technology, technical drawing
- Technical practise, electrical measurements, safety
- Business economic, legal and social context

2023 – CURRENT

- **Vue 3 essentials** Vue Mastery courses

Website <https://www.vuemastery.com/>

05/2022

- **Python for Beginners** JetBrains academy

Website <https://hyperskill.org>

06/2021

- **Real-time Web with Node.js** Code School

Website <https://www.pluralsight.com/courses/code-school-real-time-web-with-nodejs>

1995 – 2005 Czechia

- **Private lessons and mentoring of development in C/C++ (Borland, Keil, Embedded)**
Ing. Linka Karel

Address Jablonec nad Nisou, Czechia

LANGUAGE SKILLS

MOTHER TONGUE(S): Czech

Other language(s):

English

Listening B1

Reading B1

Writing B1

Spoken production A2

Spoken interaction B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

ADDITIONAL INFORMATION

Driving Licence

- **Driving Licence:** A1
- **Driving Licence:** B

Communication and interpersonal skills

- **Communication and interpersonal skills**
 - Adaptable to multicultural environments
 - Ability to work independently or with team
 - Ability to working abroad, possible relocation (United Kingdom or english speaking countries)

Other skills

- **Other skills**

 - Interest in IoT / Embedded devices and development
 - Interest in refurbishing older electronics to bring them back to life

Source code management

- **Github**

<https://github.com/thujer>

- **GitLab**

<https://gitlab.com/thujer>

Projects examples

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<https://tomas.hujer.eu/#projects>
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