

Jakub Voženílek

I'm a software developer focused on frontend and modern web applications.

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☎ 733344845

📍 Olomouc

🔗 <https://jvozenilek.cz>

EDUCATION

Palacky University Olomouc

Bachelor's Degree in Digital and Instrumental Optics (BS / Bc.)

2018 - 2022

- Studied the principles and applications of optics with a focus on digital imaging systems, optical sensors, and precision instrumentation. Gained practical experience in working with advanced optical devices, image processing, and measurement technologies. The program combined theoretical foundations in physics and mathematics with hands-on training in modern optical instrumentation and data analysis.

Certified PHP and SQL Backend Development Course

PHP and SQL

2018

- Completed a certified retraining course focused on backend web development using PHP and relational databases with SQL.

Gymnasium U Libeňského zámku

Czech Maturita diploma

2013 - 2017

- Completed general secondary education with a strong emphasis on mathematics, physics, and natural sciences.

WORK EXPERIENCE

ESMEDIA Interactive

Frontend developer

2023 – 2025

- Designed and developed modern, responsive websites and web applications tailored to client-specific requirements.
- Translated UI/UX designs into high-quality, maintainable code using HTML, CSS, JavaScript, and modern frontend frameworks.
- Collaborated closely with designers, backend developers, and project managers to deliver accessible, performant, and SEO-friendly digital products.
- Gained hands-on experience with technologies including: Nuxt, Vue.js, JavaScript, TypeScript, Tailwind CSS, SASS, React, Blade, Latte, Nette, Laravel, and Progressive Web Apps (PWA).

HELLA AUTOTECHNIK NOVA

Lead Lighting Engineer

2022 – 2023

- Responsible for the optical system of automotive headlamps.
- Worked with data from optical laboratories, evaluated optical measurements, and conducted optical simulations.

Czech-us

Freelance Web Developer

2019 – 2022

- Developed and maintained custom websites using the WordPress content management system.
- Implemented responsive frontend interfaces using HTML, SASS, and JavaScript.
- Created and modified backend functionality in PHP to support custom features and client requirements.

Blcktg

Junior frontend developer

2018 – 2019

- Provided occasional support in coding partial HTML templates for various web projects.
- Worked with HTML, SASS, and JavaScript to implement front-end components according to design specifications.

LANGUAGES & CERTIFICATIONS

- English – Professional working proficiency
- Driving Licence – Category B
- Summer Course: Blockchain Fundamentals, European Summer School (2020)