

# Tomáš Hlávka

[hlavkat@gmail.com](mailto:hlavkat@gmail.com) | +420 777 567 263 | [github.com/hlavkat](https://github.com/hlavkat)

## Education & Courses

**07–12/2023** – VŠB-TU Ostrava – **Retraining Course**

- Object-Oriented Programming, Web Applications, Databases

**04–06/2023** – VŠB-TU Ostrava – **Preparatory Course for Retraining**

**2007–2011** – SPŠ Stavební Opava

## Work Experience

*01/2024 – Present – Fullstack Developer (Freelancer, primarily Frontend)*

### 1. Diete.design

Development and maintenance of an open-source UI library built on Svelte 5, with minimal design, high accessibility, and easy customization.

#### Responsibilities:

- Developing components based on designer specifications (from Figma).
- Maintaining existing components, fixing bugs, adding new functionalities, and keeping up with the latest standards.
- Coordinating with an international team (designer, UX, developers) and planning work via GitHub.

**Technologies:** Svelte, TypeScript, Figma, HTML, CSS, GitHub

### 2. Opava.digital (in development)

Developing a database system for collecting and visualizing political data in Opava.

#### Responsibilities:

- Designing and implementing a relational database schema.
- Creating an admin interface allowing CRUD operations with frontend validation (zod).

- Generating database views for the final public website.
- Writing unit and end-to-end tests (vitest, Playwright).
- Automating data collection from YouTube videos using computer vision: downloading recordings, processing images (OpenCV), recognizing Czech text (pytesseract), and serializing data while correcting OCR errors.
- Dockerizing the system for automated data collection.
- Coordinating with a remote Czech team (UX, Biz Dev, Tester).

**Technologies:** Svelte, Supabase, Python, Docker, OpenCV, Playwright, vitest, GitHub, SQL, zod, TypeScript, HTML, CSS

### 3. Kalkul.app (in development)

Development of a financial planning tool for advisors to create, visualize, and share investment plans with clients.

#### **Responsibilities:**

- Assisting in the design and implementation of a relational database schema.
- Creating a user interface based on Figma specifications.
- Writing unit tests (vitest).
- Implementing internationalization (Czech and English versions).
- Coordinating with an international team (UX, Biz Dev, Tester).

**Technologies:** Svelte, Supabase, vitest, GitHub, SQL, zod, i18n, TypeScript, HTML, CSS

### 4. Memecoin Launcher on Ethereum

A platform for web3 enthusiasts that facilitates the creation and trading of custom tokens (similar to pump.fun).

#### **Responsibilities:**

- Assisting in designing and implementing a NoSQL database schema.
- Modifying the user interface based on Figma specifications.
- Writing unit tests (vitest) and performing manual testing.
- Dockerizing the entire project for easier local development and testing (containers for blockchain, database emulation, frontend, backend, and test data loading).

**Technologies:** Svelte, Firebase, vitest, GitHub, SQL, zod, TypeScript, HTML, CSS

## 5. Inge.cz

Development of a simple responsive website in Svelte based on Figma designs.  
Internationalization: Czech to English translation.

## 6. Angel-ears.cz

A simple responsive website. My first production project written in PHP and Bootstrap.

## Previous Work Experience

**07/2018 – 03/2023 – Driver at Nábytek-Eno s.r.o.**

**03/2017 – 06/2018 – Machine Operator at Continental Barum s.r.o.**

**02/2013 – 12/2016 – Bowling Technician & Customer Service at Raketa Bowling s.r.o.**

- Customer care, equipment maintenance, technical repairs, and guest accommodation.

**09/2011 – 01/2013 – Sales Representative at PKV Plus s.r.o.**

- Customer communication, price quote preparation, and e-shop management.

## Languages

**Czech** – Native

**English** – Reading & listening (B1), Writing & speaking (A2)

## Driving License

**Category B, active driver**

## Other Skills

**Snowboarding Instructor**

**Bowling Coach**

## Interests

Snowboarding, Running, Video Editing