

Viliam Krátky

Software Engineer | Frontend & Full-Stack Development

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EXPERIENCE

ExCoLabs

Aug 2025 – Present

Software Developer (Frontend-focused)

Hybrid

Medical Navigator, multilingual healthcare directory (medicalnavigator.com)

- Built a **multi-criteria clinic search** using Drupal Search API and Facets, preserving core functionality without JavaScript through progressive enhancement
- Fixed a **facet state inconsistency** that hid active filters while still restricting results, restoring consistent filter visibility and removal
- Reduced vendor CSS by **87%** through Drupal library overrides and page-specific stylesheets, improving mobile **LCP by 15–23%** in controlled Lighthouse tests
- Implemented multilingual navigation and visitor **country, language and currency preferences**

ExCoLabs website (excolabs.com)

- Independently designed, built and launched the original **bilingual company website** using Drupal
- Developed and deployed an **interactive product page** in Drupal 11, integrating custom CSS and JavaScript without modifying the existing theme and using **content-hash verification** to detect deployment mismatches

Rafaela

Jun 2026 – Present

Web Developer & Designer

Slovakia

- Introduced a **version-controlled, Dockerized development workflow** with one-command local setup for a bilingual (CZ/EN) agency website (brightvox.com)
- Designed and developed a **trilingual (SK/EN/DE) veterinary clinic website** using **Astro** (vetklas.com), with responsive layouts, a spam-protected contact form and locally hosted assets

PROJECTS

Decision Watchdog | *Python, Ollama, Git, Claude Code / Codex hooks* | [GitHub](https://github.com)

Sep 2026

- Built a **local-first tool** that captures engineering decisions from AI agent sessions, commits and working-tree changes, and uses a **local LLM (Ollama)** to extract them into an append-only, evidence-linked history
- Designed a **debounced background processing queue** to keep LLM inference off the latency-sensitive agent hook path; validated the implementation with **123 automated tests**

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, PHP, SQL, Go (learning), HTML, CSS

Frameworks & Web: Astro, Drupal 11, Twig, Bootstrap 5

Databases: MariaDB, MySQL

Tools & Infrastructure: Git, Docker / Compose, Linux, Composer, Drush

Testing & AI: Playwright, Python unittest, Ollama

EDUCATION

Masaryk University, Faculty of Informatics

Bachelor's degree in Informatics (in progress)

Brno, Czech Republic

Sep 2024 – Jun 2027 (expected)

TEACHING

AI in Education: Teacher Training

Aug – Sep 2026

Lecturer, A. Radlinský Primary School

Kúty, Slovakia

- Designed and delivered two AI training sessions for teaching staff, covering lesson preparation and school administration, with custom presentations and practical reference materials.

LANGUAGES

Slovak (native) | Czech (fluent) | English (B2)