

# Lukáš Kamen

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[lukaskamen.dev](https://lukaskamen.dev) · [github.com/FirstLight1](https://github.com/FirstLight1) · [LinkedIn](#)

## PROFILE

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Computer science student at Slovak University of Technology with hands-on experience building and shipping practical web tools — from a published Chrome extension to a Flask app in active production use by a paying client. Comfortable across the stack (Python, JavaScript, SQLite) and with deployment infrastructure (Linux VPS, Cloudflare Tunnel, systemd). Looking for a summer internship to contribute to real software and keep learning.

## EDUCATION

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**Slovak University of Technology — MTF, Trnava** Sep 2024 – Jun 2027 (expected)

Bachelor's in Applied Informatics and Automation · 2nd year

**Stredná odborná škola elektrotechnická, Trnava** 2020 – 2024

Secondary technical school, electrical engineering / IT focus · Maturita 2024

## SELECTED PROJECTS

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**Cardmarket Auto-Login** — Chrome extension, published on Chrome Web Store [Web Store](#) · [Source](#)

- One-click login to Cardmarket with locally encrypted credential storage — AES-GCM encryption, PBKDF2 key derivation; no data leaves the user's device.
- Stack: JavaScript, Web Crypto API, Chrome Extensions (Manifest V3), HTML/CSS.

**TradeTracker** — Commissioned trade-tracking web app, in active client use *Private repo (walkthrough on request)*

- Built end-to-end for a trading-card collector: inventory, order tracking, and PDF invoice generation.
- Originally shipped as a packaged Windows executable with auto-updater; later migrated to a self-hosted web deployment.
- Deployed on Hetzner VPS (Ubuntu, systemd, Gunicorn) behind Cloudflare Tunnel with Cloudflare Access for authentication; nightly SQLite backups via cron.
- Stack: Python, Flask, SQLite, JavaScript, Linux/systemd, Cloudflare Tunnel.

**Urban Greenery Analysis — Trnava** — **Hackathon winner** [Source](#)

- Team submission analyzing long-term NDVI vegetation trends in Trnava using Sentinel-2 satellite imagery, correlated with local temperature data to surface earlier pollen-season onset.
- Stack: Python, Flask, Sentinel Hub API, geopandas, rasterio, Plotly.js, JavaScript.

**Pokémon TCG Price Checker** — Web app for cross-marketplace card price comparison [Live demo](#) · [Source](#)

- Search Pokémon cards by name or set number with live price comparison across CardMarket (EU) and TCGPlayer (US).
- Stack: Vanilla JavaScript, HTML/CSS, Netlify serverless functions proxying upstream REST APIs.

## EXPERIENCE

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**Notebook & Phone Repair Technician** — Litech s.r.o, Sereď, Slovakia Summer 2024 · Full-time

- Component-level diagnostics and hardware repair on notebooks and smartphones.
- Customer intake and handover; communicated technical findings in plain language.

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, C#, SQL, HTML, CSS

**Frameworks & libraries:** Flask, Node.js, .NET, EF Core

**Databases:** SQLite

**Infrastructure & tools:** Linux (Ubuntu), systemd, Gunicorn, Nginx basics, Cloudflare Tunnel, Hetzner Cloud, Netlify, Render, Git, SSH, UFW, Fail2Ban

**Other:** Chrome Extensions (Manifest V3), REST APIs, Raspberry Pi self-hosting

## LANGUAGES & OTHER

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**Languages:** Slovak (native), English (B2)

**Driving licence:** Category B

**Interests:** Self-hosting & home labs, gym, reading