

# Filip Lukáč

## AI Automation & Software Developer

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Portfolio: **filip-lukac.pages.dev/en**

Developer who builds with AI (mainly **Claude Code**). I make mobile apps, websites and automations and work on software for humanoid robots. I understand the code AI writes, test it and take it all the way to production.

## WORK EXPERIENCE

**Technical Specialist** · Transport and Industry Research Cluster — 02/2026 – present

- Developing a mobile app (Android) for cyber security audits of rail vehicles.
- Automating expert documents and risk analyses with AI and Python.
- Website redesign and management, SEO, social media and promotional materials.
- Data collection and preparation, support for research projects.

**IT Consultant** · SEA – Agency for Education and Science — 10/2025 – present

- Software for Unitree humanoid robots in a team of two: motion, gestures, autonomous walking and testing.
- Deploying and maintaining robots in operation, e.g. at Hotel Devín and the Aurelium science centre.
- Website creation and management, documentation, graphics and 3D modelling.

**IT Consultant** · Slovak Centre for Digital Innovation — 01/2025 – 08/2025

- Assessing client IT infrastructure and designing solutions.

**IT Analyst** · Factory 4 Solutions a.s. — 08/2022 – 01/2024

- Software development, testing and deployment (Java, Spring), technical documentation.

**Sales Advisor** · Bauhaus, Decathlon — 09/2024 – 10/2025

## PROJECTS

- **Websites:** kvantrobotics.sk, vkdp.sk, ip-servis.sk (build, redesign and management).
- **Mobile app** for cyber security audits (in development).
- **Web application modernisation** for a client.
- **Custom Claude skills** that automate repetitive expert work.

## SKILLS

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| **AI** | Claude Code, Claude skills, MCP, OpenAI and Gemini API |
| **Programming** | Python, JavaScript, React, Kotlin, Java, PHP, SQL |
| **Web** | WordPress, HTML/CSS, SEO |
| **Other** | Git, REST API, Linux, ROS 2, Photoshop, Illustrator, Blender |

## EDUCATION AND COURSES

**Applied Informatics** – Pan-European University — 2025 – present
**Cyber Security Fundamentals** (course) – Cyber Security Competence and Certification Centre — 11/2026
**Graphic Design** – Private School of Applied Arts and Animation
**Cook** – Secondary School of Commerce and Services, Bratislava · **CAP Cuisine** – IMT CCI Grenoble — 2013 – 2019

## LANGUAGES AND OTHER

**Languages:** Slovak (native), English B1, French B1
**Driving licence:** AM, A1, A2, B1, B · **Hobbies:** ice hockey, tennis, skiing, hiking