Michal Spano

Passionate Software Engineer

Email **michal.spano03@gmail.com**
Phone **+421 948 398390**
Github @**michalspano**
LinkedIn **linkedin.com/in/michalspano/**

📄 SUMMARY

Passionate Software/ Website Developer and Data Analyst from Slovakia, based in Sweden's Gothenburg - a Student of **Software Engineering** and Management at **Gothenburg University | Chalmers**.

✏️ WORK

IT Consultant / Jan 2023 - present

Chalmers Teknologkonsuler AB, Sweden
Junior consultant in the IT sector; Chalmers Teknologkonsulter (CTK) is one of Sweden's largest student-run consulting companies. Participation in various projects with current industry partners.
Current project: Project Manager responsible for the development of a mobile-based application using *React Native* for the Regional Cancer Center (RCC) about melanoma prognosis.

`Project Management` `Agile Development` `Consulting` `Website development` `Git Workflow` `React Native` `Sales`

Website Developer / Sep 2021 - present

Klas, s.r.o., Slovakia
Website development and curation at *klasfarm.sk*. Website platform UI/UX design (+Marketing Design). Creation/maintenance of an interactive RIA (Project Kukuričné Bludiská), further customer data gathering & analysis. Currently responsible for the development of the new website platform using *Next.js*.

`Shell` `Git` `HTML` `CSS` `Node.js` `Next.js` `Tailwind CSS` `Python` `Bootstrap` `jQuery` `Figma` `Graphic design`

Summer Student Job / Jul 2021 - Aug 2021

SPP - distribúcia, a.s., Slovakia
Documentation assistant.

`Management` `Customer Service`

☰ SKILLS

Languages: Python, Java, JavaScript, Go, C, HTML, CSS, Bash/Shell

Tools: Python: Pandas, Flask, NumPy, Matplotlib, Tkinter; JavaScript: Node.js, Vue.js, Next.js, React Native, Graph.js; Shell scripting, CLI, LaTeX, Markdown, Git (GitHub/GitLab), Sqlite3, Psql, Jupyter Notebook

Other: Open-source, Adobe After Effects, Adobe Photoshop, Figma, Affinity Photo, Graphic Design

🖌️ OTHER PROJECTS

- **Maturity exam (national examination) 2021/2022 (Slovakia) - Objective Data Analysis** - Creation of a form related to the external part of the secondary school leaving examination year 2021/2022 in Slovakia. Subsequently, data processing and analysis into graphic attributes, such as graphs, etc. using the program of the Python3 language. The result of the project is a work collecting all the analyzed data in the form of a booklet.
- **COVID-19 visualised - Slovakia** - COVID-19 Projection in the Slovak republic - an interactive web-based applet made with Flask and Chart.js gathering the newest data obtained from the API in various categories (link).
- **Svenska för Utlänningar/Swedish For Foreigners (SFU)** - *"SFU"* (EN: Swedish for Foreigners, SE: Svenska för Utlänningar) is a multimedia platform which focuses on Sweden's traditions, language, culture, history, etc - via Instagram (3500+ followers). Content creation (Swedish-English language-oriented); graphic design & engaging sketches/videos; social media management; community leading.
- **Study Materials for Mathematics and Computer Science students** - A collection of open-source study materials for Mathematics and Computer Science students, written primarily in LaTeX, Jupyter Notebook and Markdown.

🎓 EDUCATION

Software Engineering and Management - 2022–2025

Bachelor's degree, Gothenburg University | Chalmers, Sweden
Description: Software Engineering and Management (SEM) at the faculty of Computer Science and Engineering (CSE).

School-leaving Examination Certificate - 2017–2022

Súkromné Bilingválne gymnázium (Private Grammar School) Česká 10, Slovakia
Description: Mathematics, Computer Science, English (C1), Slovak - Pass with distinction (A).

★ LICENSES & CERTIFICATIONS

- **Winner of ActInSpace2022 International Hackathon - Sweden** (ActInSpace)
- **CS50's Introduction to Computer Science** (CS50 | Harvard University)
- **Pre-University Calculus** (Technische Universiteit Delft)
- **TOEFL iBT**
- **Swedish as a Second Language** (Arbetsmarknad och vuxenutbildning, Göteborgs Stad)
- **The Duke of Edinburgh's International Award - Bronze level** (Slovakia)
- **International Masterclasses Particle Physics 2021** (Univerzita Mateja Bela v Banskej Bystrici)

⚽ ACTIVITIES / INTERESTS

Passionate **language learner**; extensive proficiency in English (C1); professional working proficiency in German and Swedish. Currently learning Spanish and Icelandic - elementary competence.

Content producer and self-taught **graphic-video designer** working as a freelancer on projects with contemporary visual elements.

Impassioned **writer** of all types of literature, both Slovak and foreign (English, Swedish), specializing in **academic papers/articles** on Mathematics and Computer Science.