

Filip Sipos

filip.sipos@student.leaf.academy | <https://filipsipos.netlify.app> | <https://github.com/filipcodes>

Skills

Programming Languages: CSS, HTML, JavaScript, Python, React, Tailwind, Vue,

Technologies: Azure, Content management systems, Firebase, Git and Github, Jenkins

Other: Figma, Microsoft 365 – Excel, Power Automate, PowerPoint, Word

Languages: English (C2), Japanese (A2), German (A2), Slovak (Native)

Experience

Innovations Frontend Developer, Erste Digital GmbH

2023 – Present

- Built and deployed an internal web application for generation of business cards and Apple Wallet passes currently running on the company intranet
- Created a Power Automate flow for employees to sign up for workshops, handling 100+ requests per event
- Collaborated on creating the Erste Digital Playground, developing Node.js APIs based on APIs used by Slovenská Sporiteľňa for students to use in their projects
- Helped build an internal Tinder-like application for finding a business lunch, which is currently being standardized

Software Administrator, Logistics Manager, Model Parliament of Slovakia

2022 – 2024

- Built a real-time voting web application handling 170+ users, which was used in the Slovak National Council
- Participated in writing and correcting a grant submission for the EU, which was awarded over 15,000€
- Led a team of 6 volunteers, managing sign-ups and attendee evaluations before and during the conference
- Provided feedback on the design and contents of educational Instagram posts, growing the account to 1000+ followers

Projects

Real-Time Voting System for the Model Parliament of Slovakia

<https://github.com/filipcodes/mps-polling-fe>

- Built a web application for real-time voting from scratch using Vue.js and Tailwind
- Architected a scalable Firebase infrastructure, supporting 170+ concurrent users
- Implemented custom user sign-in with parliamentary codes and an admin console using Firestore APIs and Email.js
- Utilized GitHub Projects for the first time, keeping track of the tasks and issues while maintaining a clean git tree

Embedded Composer (Hack Kosice 2024)

<https://hk-2024.web.app/userinput/pad>

- Designed a custom UI for interaction with an embedded musical device at Hack Košice 2024
- Built a Node.js server through which frontend and the embedded device communicated using serial ports and WebSockets
- Implemented a user management system and a tune database using Firestore and Firebase Cloud Functions
- Co-developed a minimalistic device memory system, capable of maintaining tunes on-device, replaying them, and handling user interaction with different interfaces of the device (buttons, switches, etc.)

Personal Portfolio Web

<https://filipsipos.netlify.app>

- Designed a modern, responsive portfolio in Figma, utilizing glassmorphism and microanimations
- Built the portfolio using Vue.js, the mouse-follower npm library, and the Email.js API
- Implemented Sanity.io as a headless CMS, simplifying the process of adding and removing projects
- Hosted the project using GitHub actions and Netlify and implemented automatic redeployments

Education

LEAF Academy – Bratislava

4.0 GPA

- Advanced Placement Courses: Computer Science A, Calculus BC, Economics, Seminar
- Assisted with teaching and grading for an 8-student AP Calculus class as a teaching assistant