SZASZ FRANCISC

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ABOUT ME

I'm a **frontend-focused** developer with a strong foundation in computer science and a passion for crafting intuitive, responsive user interfaces. I specialize in modern frameworks like **React** and **Angular** to build seamless, engaging experiences on the frontend, while also having solid experience with backend technologies like **Node.js** and **Flask** to support full-stack development.

I'm always eager to learn and stay up to date with the latest frontend tools and best practices. Collaboration and clear communication are important to me—I take pride in owning my work and enjoy seeing how well-designed interfaces can make a real difference for users and businesses.

SKILLS

Frontend

- HTML5
- CSS3
- JavaScript
- React
- Material UI
- Angular
- Angular Material
- TypeScript
- Bootstrap
- GSAP
- LocalStorage

Backend

- Node.js
- Flask
- Python
- REST APIs
- WebSockets
- MongoDB
- Firebase

Cloud & DevOps

- Google Cloud
- Firebase
- Render web services

PROFESSIONAL EXPERIENCE

System Engineer | Colegiul National Andrei Saguna, Brasov | December 2022 – Present

- Developing and maintaining the college website
- Designing, implementing and maintaining complex IT systems
- Analyzing system requirements
- Collaborating with multiple teams
- Deploying solutions according to college goals
- Troubleshooting various issues
- Implementing security and backup measures.

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Web Developer Intern | Nagarro, Brasov | November 2022 - May 2023

A web development internship focused on frontend fundamentals and React. The main project was an Instagram clone featuring responsive design and real-time user data fetching.

Tech Stack:

- HTML5
- CSS3
- JavaScript
- React
- Bootstrap
- Material UI

Web Developer Trainee | Digital Nation | July 2022 – December 2022

Participated in a structured frontend course, developing a responsive movie info site that fetched and displayed data from an external API.

Tech Stack:

- HTML5
- CSS3
- JavaScript

EDUCATION

Transilvania University – Brasov | 2022 - 2024

- *Master's Degree in Internet Technologies*

Transilvania University – Brasov | 2018-2022

- *Bachelor's Degree in Electrical Engineering and Computer Science*

Languages

- English (Full Professional Proficiency)
- Hungarian (Native)
- Romanian (Native)

Hobbies

- Playing musical instruments (piano, guitar, ukulele, flute)
- Customizing cars (paint, exhaust, interiors)
- Designing electronics (amplifiers, power supplies)

PROJECTS

Velto – Angular E-commerce App

A full-featured **online store** with user authentication, cart and wishlist functionality, built for seamless UX with modern UI patterns.

- **Features**: User auth, product filtering, cart system, wishlist, responsive design
- **Tech Stack**: Angular, Angular Material, Flask, JWT, REST API, Google Cloud Run, Firebase, MongoDB

Live App | GitHub Repo

What's Down? – React Chat App

Full-stack **live chat application**, built for real-time messaging.

- **Features**: Real-time messaging and notification system, user auth, persistent history, responsive design
- **Tech Stack**: React, Node.js, Express, JWT, WebSockets, MongoDB, Render web services

Live App | GitHub Repo

Carly – Angular Vehicle Registration App

A modern **single-page app (SPA)** built for seamless vehicle registration.

- **Features**: Secure authentication with Auth0, seamless integration with UploadCare, user/admin roles, persistent registration history
- **Tech Stack:** Angular, Angular Material, Firebase Hosting, UploadCare, MongoDB, Auth0

Live App | GitHub Repo

REST Countries API Explorer

A responsive web app that fetches country data from a public API, with interactive filters and detail views.

- **Features**: Region filter, dark/light mode toggle, border navigation
- **Tech Stack**: HTML, CSS, JavaScript

Live App | GitHub Repo

Job Listings with Filtering

A clean, responsive job listing interface with dynamic filtering based on selected tags and categories.

- **Features**: Dynamic filtering, responsive design, accessibility improvements
- **Tech Stack**: HTML, CSS, JavaScript

[Live App](#) | [GitHub Repo](#)

Sunnyside Agency Landing Page

A pixel-perfect landing page with elegant responsiveness and interactive mobile nav menu.

- **Tech Stack**: HTML, CSS, JavaScript

[Live App](#) | [GitHub Repo](#)