




# DAVID PESCARIU

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## TECHNICAL SKILLS

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**Frontend:** Flutter, Svelte & SvelteKit, Carbon, Tailwind

**Backend:** Node.js (Express), Golang (Gin), Python (FastAPI)

**Technologies:** Serverless (Lambda Functions, Heroku), Netlify, Firebase, Auth0, Stripe

## WORK EXPERIENCE

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### Co-Founder & Head of Development - Prisma

*Apr 2021 - Present Cluj-Napoca*

- Manage development & implement the Prisma App (Flutter), Prisma Websites & Platforms (Svelte/SvelteKit) and all backend infrastructure - public and private REST APIs.
- Develop caching systems using HiveDB to decrease the mobile app's startup time by 5 times.
- Implement billing services with Stripe and authentication flows using Auth0.
- Handle CI / CD of our platforms - Front facing platforms on Netlify and backend infra on Heroku and Lambdas.

### Freelance Web Developer

*Nov 2020 - Mar 2021 Remote*

- Design & Implement mobile-first web experiences using Svelte suited to my client's needs.
- Increased traffic to their platforms by up to 80%, thus improving their long-term revenue and reach.
- Constantly engaged with my customers to ensure satisfaction.

## PROJECTS

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### Open Reports

- Web Platform to collect reports from anonymous users to build a database for Prisma.
- Built with Svelte and Mapbox, open source [here](#).
- Do you have an incident to report? Send us one: [reports.prisma-safety.com](https://reports.prisma-safety.com)

### Self Driving Car

- Built a model self driving car, using a 110 car chassis, that would drive by itself around a small course.
- I'm using the Raspberry Pi 4 with a PiCamera v2, coupled with OpenCV to detect lanes and an Arduino Uno as a motor-controller and supervisor.
- Built with Python and C++, open source [here](#).

### License Generator

- Tool used to collect all licenses used in a project. Looks in the given folder (for example node\_modules) and searches for all license files.
- Built with Python, open source [here](#).

## EDUCATION

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### Lucian Blaga High School - Computer Science & Mathematics

*2019 - 2023 (Expected)*

- 1st Place Juniors @ PoliHack Hackathon - 2 times: v11 in Dec 2020 & v12 in Dec 2021
- 1st Place National & International - Applied Informatics Olympiad - Jun 2021
- Mentoured a team of high schoolers for the AstroPi contest & taught a "Flutter for Beginners" course.

## AWARDS

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- Won the IT prize at the "10 for Cluj Gala" (*Gala 10 Pentru Cluj*)
- Head of Promotion / Valedictorian (DPIT Academy) - Oct 2020