

# FILIP JUGKALA

## CONTACT

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## SOCIAL

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## TECHNICAL SKILLS

### Languages:

- JavaScript/HTML/CSS

### Frameworks and libraries:

- Vue
- Svelte
- React
- Express

### Other:

- Webpack
- Jamstack
- Web Extensions
- RESTful APIs
- Git

## EDUCATION

### Bachelor of Information Sciences

Faculty of Humanities and Social Sciences, University of Zagreb

2015 - 2018

### Graduate study of Informatics

Faculty of Humanities and Social Sciences, University of Zagreb

2018 - 2022

unfinished

## WORK EXPERIENCE

### Frontend developer

CARNET - Croatian Academic and Research Network

March 2022 - present

#### e-Class Register (e-Dnevnik)

- Transitioning the app from legacy JavaScript libraries to modern ES6 JavaScript and incrementally migrating to Vue (in progress).
- Migrated our entire build process to Webpack 5, thus reducing the amount of JavaScript shipped to a user (faster load times) which lead to better user experience. Also, the developer experience improved because of the faster build times.

#### Web extension (CN Helper)

- Created a few simple API endpoints, combined them with our CRM system API for getting current user info which created more personalized autocomplete options.
- Maintaining and leading my web extension project - devising and implementing new features in coordination with Helpdesk.

### Help Desk Technician & Frontend developer

February 2019 - March 2022

CARNET - Croatian Academic and Research Network

- Created a SPA using Svelte and headless CMS for quickly building an entire response out of predefined parts. The app resulted in a faster process of composing a response, eliminated the need for typing and copy-paste methods and ensured no typos.
- Learned vanilla JavaScript, and built a web extension that saves more than 500 clicks per agent shift, eliminates tedious tasks, and helps agents focus on their work, not their tools.
- Initiated and designed a new knowledge base with a search option using WordPress that cut information retrieval by a margin, resulting in easier onboarding and faster response time.
- Main responsibility: 1st and 2nd level user support on "e-Škole" and "Škola za Život" projects; started three internal projects described above.

## PROJECTS

- **AdoptMe** (2023). Single Page Application for dummy pet search and adoption. Built with React, tries to follow all the best practices as this is a learning project primarily.
- **Grammar checker** (2022). First Vue project, recreated the grammar checker app called ispravi.me. Wrote custom Webpack config, used Hašek API that gives developer grammar-checking JSON response, and got in touch with authors for additional collaboration on their app.
- **Filozofijada** (2019/2020). Co-organized student excursion to Filozofijada 2019, the first time our faculty attended this event. We managed to organize the trip for 36 students less than two months before the event. Next year, we acquired a total of 15,000 euros from a student funding competition and planned to lead more than 100 students but were unfortunately stopped by COVID-19.

last update: 03/2023