

FILIP JUGKALA

CONTACT

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SOCIAL

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TECHNICAL SKILLS

Most proficient in:

- TypeScript/JavaScript
- React
- Ant Design
- Redux

Worked with:

- Webpack
- Tailwind CSS
- Vue
- Next JS

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 - unfinished

WORK EXPERIENCE

Frontend Developer

March 2023 - present

Sedam IT

- Currently engaged in transitioning a legacy project from Angular to React, aligning it with our usual technology stack.
- This position is my first experience working within an Agile framework, where I actively participate in task planning and estimation, code reviews, and sprint activities. This improved my sense of responsibility for my contributions and provided me with a broader perspective on the project lifecycle.

Frontend Developer

March 2022 - March 2023

CARNET - Croatian Academic and Research Network

e-Class Register (e-Dnevnik)

- Transitioned the app from legacy JavaScript libraries to modern ES6 JavaScript and incrementally migrated to Vue.
- 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.
- Maintained and led my web extension project, devising and implementing new features in collaboration with the Helpdesk. The extension is still in use to this day.

Help Desk Technician & Part-time Frontend Developer

February 2019 - March 2022

CARNET - Croatian Academic and Research Network

- Created a SPA using Svelte, Bulma 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

- **Grammar checker** (2022). Recreated the grammar checker app "ispravi.me" and initiated contact with the original authors for potential collaboration. Partnered with a back-end developer friend and submitted a redesign proposal, though we were ultimately unable to reach an agreement.
- **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.