

# Kristijan Rosandić

Versatile front-end developer with 3+ years of experience developing complex web apps and specializing in SPA development utilizing Vue ecosystem.

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## EXPERIENCE

### **CARNET – Croatian Academic and Research Network, Zagreb — Full-stack Developer**

JULY 2020 - SEPTEMBER 2020

First-ever high-school student who worked for CARNET. Starting from scratch, I was primarily building the front-end of a PHP application with vanilla JS. The application is intended for CARNET Helpdesk and is used for the organization of working hours, employee administration, and salary calculations.

## EDUCATION

### **Algebra University College, Zagreb — Software Engineer**

SEPTEMBER 2021 - NOW

### **Electrical Engineering Vocational School, Zagreb — Computer technician**

SEPTEMBER 2019 - JUNE 2021

Completed high school education with excellent results and passed eight distinctive subjects for the transition to a new school and a new program. Participated and achieved exceptional results in the coding competitions Infokup (software development and algorithms), Inova, Reply Code Challenge, and Hacknite.

### **Technical Vocational School Slavonski Brod, Sl. Brod — Computer technician for mechanical engineering**

SEPTEMBER 2017 - JUNE 2019

## MY PROJECTS

### **Network Planner — web app for organizing locations**

A web-mapping software for organizing locations into groups. By analyzing groups statistics (computed properties of locations), the app assists in collecting and presenting data into meaningful actionable insights for businesses. Created in Vue framework and running on Firebase & other GCP services. Site: [network-planner.com](https://network-planner.com)

## SKILLS

Problem solving • Algorithms  
UI/UX • Visual Design

### **Programming languages:**

TypeScript • JavaScript (ES6+)  
Python • C++ • Java  
SQL • PHP

### **Web technologies:**

HTML • CSS/SASS/SCSS  
Vue CLI/Vuex/Router • jQuery  
Webpack • Express

### **Personal skills:**

Excellent presentation skills  
acquired through various  
competitions

### **Other:**

GCP: Firebase, Data Analytics,  
Maps Platform, Storage  
Github Actions/Workflows  
Chrome Developer  
Paypal Developer  
SSMS • XAMPP

## AWARDS

### **Infokup competitions (H.S.):**

1<sup>st</sup> place 2020 • 2<sup>nd</sup> place 2021  
(national, software)  
1<sup>st</sup> place 2019  
(county, algorithms)

### **INOVA, Inova Mladi (H.S.):**

3 golds • 1 platinum  
1 grand prize (2020, 2021)

### **Ideja Godine (H.S.):**

2<sup>nd</sup> place 2021

## **e-Dnevnik Plus — web app for students and parents**

My first web application (and a browser extension), released in 2018 on the Chrome Web Store, with over 150,000 users three years later. It provides many additional features and content for the national e-Class register “e-Dnevnik”, to help students throughout primary and secondary school. The first version of the extension was made in JS with jQuery. Now, it is a separate app created in the Vue framework with TypeScript. Site: [ednevnika.com](https://ednevnika.com)

## **e-Dnevnik Plus za nastavnike — extension for teachers**

An extension created for teachers who use their version of e-Dnevnik. It injects additional features to help teachers grade their students. At least 80% of teachers in Croatia use this extension, which is more than 40,000 users. Created in vanilla JS.

## **e-Dnevnik Plus za škole — app for school info-points**

A special version of the e-Dnevnik Plus extension that works on touchscreens built inside info-pillars. The hardware consists of an RFID reader that communicates with the browser via Arduino. Students can log in or register with contactless cards, tokens, or NFC mobile phones.

## **Google Gifs Autoplay — extension for Google search**

An extension that automatically runs animated gifs on Google Image Search, with over 10,000 active users weekly. Created in vanilla JS.

## **Infokup Evaluator — desktop app for evaluating solutions**

A desktop application for evaluating competitive programming solutions written in C, C++, and Python. Used for the national Infokup coding competition in the Algorithms category. Created in Python with Tkinter GUI module.

## **OTHER PROJECTS**

### **Erasmus+ mobility project in Ireland on digital marketing**

Includes a two-week training on digital marketing in Ireland (Dublin and Bray) under the guidance of mentor [Robert Moloney](#).

## **CERTIFICATES**

Java • SQL • Databases • AI/ML  
— **ORACLE ACADEMY**

English B1+  
— **Erasmus+ project**

## **ARTICLES**

[Srednja.hr](#) [Nakon aplikacije e-Dnevnik Plus s 50.000 korisnika, Kristijan s novom osvojio drugo mjesto na Ideji godine] ([link 1](#) / [link 2](#))

[Skolskiportal.hr](#)  
[Srednjoškolac (16) osmislio program e-Dnevnik Plus koji predviđa prosjek ocjena] ([link](#))

[TŠSB](#) [Ponos škole] ([link](#))