

Education

BS: Information Technologies , University of Kragujevac, Serbia	2022 - present
BS: Computer Science , University of Primorska, Slovenia	2019 - 2022
Informatics in Grammar School , Gimnazija Vrnjačka Banja, Serbia	2014 - 2019

Skills

Languages	Java, C, JavaScript, PHP, SQL, Python, HTML, CSS, Sass, Python, Bash, OCaml, Assembly
Libraries & Frameworks	Bootstrap, React.js, Redux, jQuery, Express.js, Flask, Django
Web & other tools	LaTeX, Markdown, Git, Ajax, XML, MongoDB, Node.js
Multimedia	Photoshop, Illustrator, XD, Figma, Vectornator, Logic Pro
Other	Microsoft Office, Google Workspace, OOP, FP, Design Patterns

Projects

Dialgo SOFTWARE ENGINEER	October 2022 - Ongoing
------------------------------------	------------------------

Flowchart maker.

- Allows the creation of a diagrammatical representation of an algorithm.
- Features a graphic design software-like UI with a fully functional menu bar.
- State of the canvas is tracked and transferable.
- Made with React.js and Canvas.

OpenCore Sanity Checker SOFTWARE ENGINEER	August 2022 - Ongoing
---	-----------------------

Plist file parser and **OpenCore Bootloader** configuration files validator.

- Designed and implemented plist file parsing algorithm.
- Based on the selected CPU Architecture, a different ruleset is applied to the parsed plist data.
- User gets a graphical representation of his configuration file where the issues are pointed out.
- Made with React.js.

My portfolio website SOFTWARE ENGINEER & DESIGNER	March 2021 - Ongoing
---	----------------------

Designed and developed a personal portfolio website.

Foto AS SOFTWARE ENGINEER & DESIGNER	June 2021 - October 2021
--	--------------------------

E-commerce B2B & B2C website.

- Provides photo services and sells various photo-related products.
- Features a chatbot that helps customers with basic information.
- Made with Django and React.js.

Keisuke puzzle

November 2020 - January 2021

SOFTWARE ENGINEER

Logic puzzle similar to Sudoku.

- Responsive gaming layout ranging from 3x3 to mxn dimensions.
- Layouts can be saved and loaded from a custom binary file.
- Gaming field is randomly generated with a finite solution that can be shown.
- Made in Java.

Mesec Od Papira

July 2020 - September 2020

SOFTWARE ENGINEER & DESIGNER

Poetry blog.

- Features a fully functional admin panel for creating, editing, and deleting content, a binary search algorithm for retrieving posts by name, content, or comments.
- Visitors can subscribe to the email newsletter mailing service.
- Made with Express.js and MongoDB.

Tic-tac-toe with the AI server

March 2020 - May 2020

SOFTWARE ENGINEER

Online multiplayer game with an unbeatable AI opponent.

- AI built using the minimax algorithm.
- Players have to have an account to access the multiplayer game.
- Players with an account fill the leaderboard, where the players with the best scores (wins + losses) are on top of the table.
- Made with Express.js and Socket.IO

Most of these projects and various other projects are available in my GitHub repositories.

Extracurricular Activities

Klik-Trade

November 2022 - Ongoing

FRONT-END DEVELOPER

E-commerce website providing subscription services.

- Allows users to buy relevant information and earn through affiliate marketing.
- Made with Django and React.js.

JunctionX Budapest Hackathon

October 2022

SOFTWARE ENGINEER

Worked on the challenge provided by the Wise company aiming at solving problems international customers can face.

Previous employments

LYNX	2021 - 2022
Distribution representative	<i>Koper, SI</i>
<ul style="list-style-type: none">• Negotiating sales with mostly catering facilities all over the Slovenian coast.• Beverage and food distribution.• Gained valuable experience with how the warehouse management system works.	
24ToGo	2020 - 2021
Vending Machine Technician	<i>Koper, SI</i>
<ul style="list-style-type: none">• Fixing various electrical and mechanical vending machine issues.• Distributing vending machine products.	

Miscellaneous

Languages	Serbian (Native), English (Fluent), Slovene (B2), Russian (A2).
Hobbyist guitarist	Over 9 years of experience with classical music as a foundation.
Hobbyist music producer	Working mostly on personal projects, but I do accept other inquiries occasionally.

Interests

- **Technical:** Full-stack software development, ethical hacking and cybersecurity, mechatronics.
- **Personal:** Self-development books, philosophy, languages, calisthenics.