

# Petar Deljanin

SOFTWARE ENGINEER

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## Skills

<b>Languages</b>	JAVA, C#, PHP, SQL, JavaScript, HTML, CSS, Sass, Bash
<b>Libraries</b>	Bootstrap, React.js, Three.js, JDBC, JPA, Hibernate, H2
<b>Frameworks</b>	Spring 5, CodeIgniter, Angular
<b>Tools</b>	Git, Maven, Gradle, npm, Node.js, Postman, Docker, OpenAPI, XML, JSON
<b>Multimedia</b>	Figma, Photoshop, Illustrator, XD, Kdenlive, Inkscape
<b>Other</b>	Microsoft Office, Google Workspace, LaTeX, Trello

## Experience

### Požrl Technologies

Izola, Slovenia

FRONT-END DEVELOPER

Aug. 2022 - Oct. 2022

- Developed several pages on the front-end of the website with Angular and Sass.
- Used cryptocurrencies and Web3 in the implementation. Added mobile support.
- Collaborated with team members on key decisions about the project.

## Education

### Bachelor of Science in Computer Science

Koper, Slovenia

UP FAMNIT (UNIVERSITY OF PRIMORSKA; FACULTY OF MATHEMATICS, NATURAL SCIENCES AND INFORMATION TECHNOLOGIES)

Oct. 2019 - Sep. 2022

- Diploma thesis: "Optimization of traffic network topologies with genetic algorithms"

### Electrical technician of Information Technologies

Belgrade, Serbia

ITHS (INFORMATION TECHNOLOGY HIGH SCHOOL)

Sep. 2015 - Jul. 2019

- Final project: "Turbo Wash, a desktop application for appointment management"

## Projects

### My 3D portfolio website

Belgrade, Serbia

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Aug. 2022 - Present

- Designed and developed a personal 3D portfolio website using React.js, Three.js, Sass and Figma.
- Deployed the website with GitHub pages and set up a custom domain.
- 📄 [You can access the live version here: deljanin.dev](#)
- 📄 [GitHub](#)

### Spring REST API demo

Belgrade, Serbia

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Mar. 2023 - Apr. 2023

- Developed a back-end REST application with Spring framework 5, utilizing JPA, H2, Lombok, and Mapstruct. Integrated OpenAPI/Swagger for API endpoint documentation and demonstration.
- Created a fully automated CI/CD pipeline on CircleCI for a containerized application using Docker, and deployed it on render.com with a custom subdomain.
- I utilized Codecov with Jacoco to achieve 80% test coverage and ensure high application quality.
- 📄 [Check out the live version of the project here: springrestapp](#)
- 📄 [GitHub](#)

### Road network optimization with genetic algorithms

Koper, Slovenia

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Oct. 2021 - Jul. 2022

- Created a road network traffic simulator with a colleague.
- Developed genetic algorithms for the optimization of the road network.
- Decreased the execution time of the algorithm by implementing parallelism.
- Optimized the virtual road network significantly.
- 📄 [GitHub](#)

## My Barber - team project

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- Developed the front-end and appointment booking part of the website.
- Used PHP CodeIgniter with HTML, CSS, JS, MySQL and Bootstrap 5.
- Lead the team and presented the project.
- [YouTube demo.](#)
- [GitHub](#)

Koper, Slovenia

Feb. 2022 - Jun. 2022

## D&A Coaching

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- Developed a forum with custom topics, using Bootstrap, Ajax and Node.js.
- Implemented a newsletter subscription and support emailing services.
- [YouTube demo.](#)
- [GitHub](#)

Koper, Slovenia

Mar. 2020 - Jun. 2020

## Extracurricular activities

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### Google Clubs Hackaton - My Fridge

SOFTWARE ENGINEER & TEAM LEAD

- Created an application for minimizing food waste.
- Developed a web crawler that obtains recipes and ingredients from an other website at the rate of  $\sim 4$  milliseconds per recipe.
- The web crawler also inserted those recipes into a MySQL Database with the use of JDBC.
- Lead and organized a cross-cultural team.
- [GitHub](#)

Koper, Slovenia

May. 2022 - May. 2022

## Certificates

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- **Learn Ethical Hacking From Scratch** [Udemy, July 2022.](#)
- **Spring Framework 5: Beginner to Guru** [Udemy, April 2023.](#)

## Miscellaneous

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### Spoken Languages

Serbian (Native), English, Slovenian.

### Hobbyist game platoon leader

Led platoons of up to 48 people to conquer territories in a video game called PlanetSide 2.

### Carpentry firm assistant

Assisted my dad in physical and logical work. Learned how to be responsible.

## Interests

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- **Technical:** Full stack software development, DevOps and cybersecurity.
- **Personal:** Self-development books, podcasts, philosophy, psychology, martial arts and calisthenics.

## Contact References

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- **Aleksandar Tošić** Professor, FAMNIT, University of Primorska, [aleksandar.tosic@upr.si](mailto:aleksandar.tosic@upr.si).
- **Jordan Aiko Deja** Director, UX Philippines, [jordan@uxph.org](mailto:jordan@uxph.org).
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