

# Petar Deljanin

SOFTWARE ENGINEER

☎ (+381) 66 5 741 741 | ✉ petar@deljanin.dev | 🌐 deljanin | 📠 petar-deljanin-0762481a6

## 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

SOFTWARE ENGINEER & DESIGNER

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](https://deljanin.dev)
- GitHub

### Spring REST API demo

Belgrade, Serbia

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Mar. 2023 - Apr. 2023

- Developed a back-end REST application using Spring Boot 5.
- For the implementation I used: JPA, H2, Lombok, and Mapstruct.
- Added OpenAPI/Swagger to the project, for API endpoint demonstration and documentation.
- Built fully automated CI/CD pipeline on CircleCI for containerized application using Docker.
- I utilized Codecov in conjunction with Jacoco to calculate test coverage for my project.  
The tests covered a total of 80% of the code, which helped to ensure the overall quality of the application.
- Deployed the application using Docker, CircleCi, and render.com. Set a custom subdomain.
- Check out the live version of the project here: [SpringRestApp](https://SpringRestApp)
- GitHub

### Road network optimization with genetic algorithms

Koper, Slovenia

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Oct. 2021 - Jul. 2022

- Developed 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

SOFTWARE ENGINEER & TEAM LEAD

- Developed the front-end of the website.
- Used PHP CodeIgniter with HTML, CSS, JS, MySQL and Bootstrap 5.
- Developed the appointment booking part of the website.
- 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.
- Developed 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 ~ 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.
- **Jordan Aiko Deja** Director, UX Philippines, jordan@uxph.org.
- **Zoran Lončarević** High School Professor, ITHS, Comtrade, Belgrade, zoran.loncarevic@vlatacom.com.
- **Jernej Vičič** Professor, FAMNIT, University of Primorska, jernej.vicic@upr.si.