Petar **Deljanin**

SOFTWARE ENGINEER

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Skills

Languages	JAVA, C#, PHP, SQL, JavaScript, HTML, CSS, Sass, Python, Bash
Libraries	Bootstrap, React.js, Three.js, JDBC, JPA, Hibernate, H2
Frameworks	Spring 5, CodeIgniter, Angular
Tools	Git, Maven, Gradle, npm, Node.js, Postman, Docker, OpenAPI, XML, JSON
Multimedia	Figma, Photoshop, Illustrator, XD, Kdenlive, Inkscape
Operating systems	Linux (Ubuntu, Kali, PopOS), Windows
Other	Microsoft Office, Google Workspace, LaTeX, Trello

Experience

Plum Design   *Belgrade, Serbia*
FULL-STACK DEVELOPER   *Oct. 2023 - Nov. 2023*

- Redesigned old web application pages, and updated the code accordingly.
- Developed new features for web and mobile applications.
- Collaborated directly with the clients to facilitate which features must be implemented and what the web and mobile applications will have.
- Fixed outdated and non-functioning code.
- Updated client's website content using the company's CRM (Content management system).

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
- ⬚ GitHub

Spring REST API demo   *Belgrade, Serbia*
SOFTWARE ENGINEER   *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.
- ⬚ GitHub

Road network optimization with genetic algorithms
SOFTWARE ENGINEER

Koper, Slovenia
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
SOFTWARE ENGINEER & TEAM LEAD

Koper, Slovenia
Feb. 2022 - Jun. 2022

- 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

D&A Coaching
SOFTWARE ENGINEER

Koper, Slovenia
Mar. 2020 - Jun. 2020

- Developed a forum with custom topics, using Bootstrap, Ajax and Node.js.
- Implemented a newsletter subscription and support emailing services.
- ▶ YouTube demo.
- ⬡ GitHub

Extracurricular activities

Google Clubs Hackaton - My Fridge
SOFTWARE ENGINEER & TEAM LEAD

Koper, Slovenia
May. 2022 - May. 2022

- 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

Certificates

- **Learn Ethical Hacking From Scratch** Udemy, July 2022.
- **Spring Framework 5: Beginner to Guru** Udemy, April 2023.
- **Building Blog using MERN Stack** Udemy, Sep 2023.
- **Implement JWT Authentication with Java & SpringBoot in 2023** Udemy, Sep 2023.

Miscellaneous

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

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

Contact References

- **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.