



# Darko Selaković

## Software Engineer

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### Education

#### Faculty of Technical Sciences, University of Novi Sad

2019 – 2023

*Bachelor's degree in Electrical and Computer Engineering*

- Final paper: Comparison of open source platforms for serverless computing
- Focus area: Applied Computer Science and Informatics, Intelligent Systems
- GPA: 9.16/10.00

#### Technical school Užice

2015 – 2019

*Information technology technician*

- Final paper: Vegetables Web Shop

### Professional Experience

#### Freelancing

2021 – present

#### Student Internship

10.2022 – 11.2022

*Vega IT*

Novi Sad, Serbia

- Project: Work Hours Web Application

### Projects

#### Traffic Jam Web Application

04.2023 – 09.2023

*Bachelor Thesis Project*

- Technologies used: JavaScript, React, Python, Flask, OpenFaaS, Apache OpenWhisk, Fission and more
- Achieved skills: Independent research, serverless computing, FaaS and more

#### Hospital Web Application

06.2022 – 09.2022

- Technologies used: JavaScript, Angular, .NET, PostgreSQL, MongoDB, RabbitMQ and more
- Achieved skills: Software architecture styles and strategies, teamwork and team software development, software testing, software integration, verification and validation and more

#### Airbnb Clone Web Application

02.2023 – 07.2023

- Technologies used: JavaScript, React, Go, MongoDB, Neo4j and more
- Achieved skills: Standards and applications of web services in electronic business system, web service components and more

**Blood Bank System**

10.2022 – 01.2023

- Technologies used: Java, Spring Boot, JavaScript, Angular, GRPC protocol and more
- Achieved skills: Architecture of multi-layered client/server systems, object-relational mapping, design patterns and more

**The Health Clinic**

03.2022 – 06.2022

- Technologies used: C#, WPF - XAML and more
- Achieved skills: UML diagrams, MVVM architecture, SOLID, clean code, code refactoring and more

**Other projects**

2017 – present

- Technologies used: C, C++, C#, Java, Python, HTML, CSS, JavaScript, Vue.js and more
- Achieved skills: Data structures, OOP, database knowledge and more

**Skills****Technologies** (*Knowledge of a variety of programming languages including Java, C#, C++, JavaScript, Python*),**Work** (*Able to work individually and as a team member*),**Technical** (*Knowledge of a design patterns, architectural patterns (MVC, MVVM, MVP), writing clean code and more*)**Languages****Serbian** (*Native tongue*), **English** (*B2*)