



# JULIJA GRAMOVICA

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## PROFESSIONAL SUMMARY

I am an enthusiastic, collaborative, and determined 4th-semester student actively pursuing my education in Software Engineering, eager to further develop my technical skills. My insatiable curiosity fuels a passion for exploring innovative solutions. While my experience primarily evolves from dedicated study projects, I am excited about the idea of contributing to real-world challenges and applying my skills in practical scenarios.

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## TECHNICALL SKILLS

### LANGUAGES/TOOLS/Frameworks/Principles

- Java, C#, JavaScript, ReactJS, .NET, Blazor, HTML5, CSS3, jQuery, Bootstrap.
- Spring Boot, ASP.NET Core, Entity Framework Core.
- SQL, PostgreSQL, SQLite, ElephantSQL.
- JUnit, xUnit.net.
- gRPC, REST API.
- Postman, Swagger UI.
- Client/Server systems, Distributed systems, MVVM.
- Scrum, Kanban, Jira, Trello, Git, GitHub.

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## EDUCATION

Bachelor's degree – VIA University College | Software Technology Engineering  
Horsens, Denmark. August 2022 – January 2026

Having hands-on experience on **Object-Oriented programming**, **Web Development**, **Algorithms** and **Data Structures**, **Database Systems** and **Software Engineering principles**.

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## MY PERSONAL PROJECTS

- **Personal Portfolio Website**

During my journey of learning React, I took on the task of creating my personal portfolio website. Motivated by the desire to deepen my understanding of this powerful JavaScript library, I saw this project as an opportunity to apply theoretical knowledge to practical implementation. Utilizing React allowed me to explore modern front-end development practices while showcasing my skills and projects. Through this project, I gained hands-on experience in building reusable components, managing state efficiently, and optimizing performance.

Technologies used:

ReactJS, JavaScript, Node.js, HTML, CSS, React Bootstrap, EmailJS, Git.

- **Forum application inspired by Reddit.com**

Inspired by Reddit.com, I developed a forum application using Blazor, C#, and an SQLite database, aiming to strengthen my knowledge in .NET framework. In the process, I delved into REST API implementation, broadening my understanding of web services. It provided hands-on experience in user authentication and authorization, enabling user registration, login functionality, and possibility for users to create and view posts. Code is available on my GitHub alongside with a video demonstration <https://github.com/gramovi4a>.

Technologies used:

C#, Blazor, SQLite, Rest API, Entity Framework Core.

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## PROJECTS I HAVE WORKED ON

- **Semester Group Project – Client/Server System**

Developed a client/server system for Valhalla Fitness Gym, improving my skills in implementing normalized relational databases, applying Scrum in combination with Unified Process (UP), as well as design patterns such as SOLID, SMART, INVEST. In our Scrum team I was part of the development team, gaining a valuable experience in collaborative development.

Technologies used:

Java, SQL, PostgreSQL, Junit, Git.

- **Semester Group Project – Heterogeneous System**

Developed a distributed heterogeneous system for a language school following N-tier architecture. Using technologies like Blazor, C#, Java, PostgreSQL and H2 database, and incorporating various network protocols such as gRPC and REST, I contributed to the implementation of the presentation, logic, and data tiers. Authentication and authorization mechanisms were added to the project, improving its security features. Adopting the Scrumban methodology, I took on the role of Product Owner, enhancing my skills in project management and coordination.

Technologies used:

Java, Spring Boot, C#, Blazor, PostgreSQL, H2, gRPC, REST, xUnit, Scrumban, Trello, Git.

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## CERTIFICATIONS

- **Jira Fundamentals Badge**

December 2023

Equipped me with a better understanding of Jira for collaborative teamwork, efficient project management and issue tracking.

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