

Teodor Jakovljevic

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EDUCATION

Union University – School of Computing

Belgrade, Serbia

B.S. in Computer Science

Expected Graduation, Sep 2025

- **Concentrations:** Web development and software engineering
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Computer Networking, Object-Oriented Programming, Statistics & Applications

EXPERIENCE

PlusPlusNT

Belgrade, Serbia

Web development intern

August 2024 – September 2024

- Developed web applications using Next.js, implementing static site generation and multilingual support.
- Containerized a website using Docker, and hosting it with Nginx.
- Upgraded a web application to the latest version of Next.js, ensuring compatibility with new features and improving overall performance.

PROJECTS

ClassyUML

Belgrade, Serbia

Team Member

September 2022 – May 2023

- Developed an application in Java that produces UML class diagrams as the final product.
- The project was implemented following various design patterns such as Singleton, Composite, Simple Factory, State, Observer, Command etc.

Gym Membership Management Application

Belgrade, Serbia

Team Member

March 2023 - May 2023

- Developed an application for managing gyms, utilizing microservices for key functionalities such as login, validation, email notifications and data storage.
- Designed and implemented microservice architecture to ensure modularity and scalability of the application.
- Implemented efficient database solutions to store and retrieve gym membership data, ensuring data integrity and secure management of user profiles.

Tourist Organization Blog

Belgrade, Serbia

Team Leader

May 2024 - June 2024

- Developed a full-stack application in Java, enabling users to post and read comments.
- Utilized Restful APIs for the backend, providing secure and efficient data handling.
- Designed a friendly user interface with Vue.js, ensuring seamless user interaction and real-time updates.

Catalist

Belgrade, Serbia

Team Leader

March 2024 - July 2024

- Developed a mobile application in Kotlin that displays cat data, features interactive quizzes, and includes a leaderboard.
- Integrated CatAPI to fetch and display cat-related information dynamically.
- Built a custom LeaderboardAPI to manage and display quiz rankings, providing real-time updates to users.

SKILLS

Programming: Java, JavaScript, HTML/CSS, SQL, Node.js, React.js, Next.js, Vue.js, C, Kotlin

Tools: Android Studio, IntelliJ, Visual Studio Code, Figma, Jupyter Notebooks, Git, Bootstrap, MongoDB, MySQL