

# Teodor Jakovljević

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## EDUCATION

### Faculty of Computing (Racunarski fakultet - RAF)

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

### Banking Software Platform

Belgrade, Serbia

Team Member

Jan 2025 – May 2025

- Contributed to the development of a full-featured banking platform as part of a 20-person team, supporting core services such as currency exchange, money transfers, account management, and actuarial processing.
- Worked on both backend and frontend: implemented RESTful APIs in **Java Spring**, and built responsive UI components using **React**.
- Containerized services using **Docker** and deployed them on a **Kubernetes (K8s)** cluster for high availability and scalability.
- Ensured secure and efficient communication between microservices, following best practices in API design and software architecture.

### 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 in **Java Spring**.
- 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.

### 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.

### 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

**Languages:** Java, JavaScript, SQL, HTML/CSS, Kotlin

**Frameworks:** React.js, Next.js, Vue.js

**Tools:** Docker, Git, Android Studio, IntelliJ, Figma, VS Code

**Databases:** MongoDB, MySQL

**Other:** REST APIs, Microservices, UML