

# Dimitrije Stepanović

dimitrijestepanovic1@gmail.com ❖ 061 6655898 ❖ [github.com/dxmv](https://github.com/dxmv)

## EDUCATION

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Računarski fakultet (School of Computing)

BS, Computer Science

Graduation year: 2027

Belgrade, Serbia

- Relevant coursework: Data Structures, Algorithms, Software Engineering, Operating Systems

## PROJECT EXPERIENCE

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### [UFC Match Predictor](#)

December 2024

- Built a Python model with **67% accuracy** for predicting UFC match outcomes, utilizing fighter statistics and historical data
- Developed a **Flask** backend to handle data processing, model predictions, and API integrations
- Scraped and aggregated relevant fighter data for prediction input using **web scraping techniques**
- Designed a clean, interactive frontend with **React** to display predictions and detailed fighter statistics

### [Fitness App](#)

October 2024

- Designed and developed a cross-platform mobile application using **React Native** for the front-end and **Java Spring Boot** for the back-end.
- Implemented features for managing workouts, routines, and user profiles, enhancing user engagement and retention.
- Integrated **PostgreSQL** as the database solution for efficient data storage and **JWT** for secure user authentication.
- Achieved a **25% performance boost** on the frontend by optimizing components and reducing unnecessary re-renders

### [Cryptocurrency Portfolio Manager](#)

August 2024

- Created a robust platform for tracking cryptocurrency wallet balances and transaction histories using **React with Typescript** on the frontend and **Spring Boot** on the backend
- Integrated real-time data fetching from external APIs to provide up-to-date wallet information, improving the user experience
- Utilized **Chart.js** to create interactive data visualizations of portfolio performance
- Utilized **PostgreSQL** for backend persistence and **JWT** for secure login and authentication.
- Improved API efficiency by **20%**, reducing latency and optimizing data retrieval from third-party services

## TECHNICAL SKILLS

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- **Languages:** Python, JavaScript, Typescript, Java, C, SQL, CSS, HTML
- **Frameworks/Tools:** React, React Native, Node.js, Express, Git, Spring Boot
- **Technologies:** RESTful APIs, Unix, PostgreSQL
- **Concepts/Methodologies:** Object-Oriented Programming (OOP)