Kerim Halilović

Data Science Master's Student & Junior Fullstack Developer

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ABOUT ME

I'm a Master's student in **Data Science** at **TU Wien** and a Junior **Fullstack Developer** with hands-on experience in full-stack web development and applied machine learning. I've **built** and **deployed** several **production-grade applications**, including **Cifra**, an **AI-powered** vehicle valuation platform I founded and developed, using **Python**, **FastAPI**, and **Next.js** to predict real-time vehicle prices across Bosnia & Herzegovina. I'm passionate about building **scalable**, **data-driven** systems that solve **real-world problems**.

EDUCATION

2024 - 2026   **VIENNA UNIVERSITY OF TECHNOLOGY | MASTER OF DATA SCIENCE**

2021 - 2024   **UNIVERSITY OF SARAJEVO | BACHELOR OF COMPUTER SCIENCE AND INFORMATICS**

WORK EXPERIENCE

2025 - Present   **VIENNA UNIVERSITY OF TECHNOLOGY | GRADUATE TEACHING ASSISTANT**

- **Assisted** in tutoring the graduate-level **"Machine Learning"** course, covering key topics such as **supervised learning**, **model evaluation**, and **neural networks**.
- Collaborated with lecturers in **designing** and **reviewing** assignments, **providing feedback**, and helping maintain the **academic quality** of the course.

2023 - Present   **READYDEV TECHNOLOGIES | JUNIOR FULLSTACK DEVELOPER**

- Collaborated with senior developers to **design**, **develop**, and **deploy** custom software.
- Translated **client requirements** into **detailed technical specifications**.
- Contributed to **all phases** of the **software development lifecycle**, including coding, testing, debugging, and deployment.
- **Delivered 5+ production-ready modules** for internal business tools and customer-facing apps.

2023 - 2023   **UNIVERSITY OF SARAJEVO | UNDERGRADUATE TEACHING ASSISTANT**

- **Assisted** in tutoring the course **"Programming Techniques"**, focusing on key aspects of **C++ programming**.
- **Provided support to students** through guided lab sessions, coding exercises, and one-on-one assistance.

SKILLS

- C++, C#, Java,
- JavaScript, TypeScript,
- R, Python

- React, Angular, .NET,
- Next.js, FastAPI,
- React Native

- SQL, MySQL,
- PostgreSQL, MongoDB,
- Git, Docker