



# TARIK AYVAZI

Software Developer | BSc Informatics Student

## ABOUT ME

I am a second-year Informatics student who started writing code at the age of 13. I have several years of web development experience building websites and custom web apps for businesses and their needs. Developed a custom ordered catalogue management system for a pharmaceutical company that simplified product and offers management, making the catalogue workflow much more efficient by connecting the employee managing the catalogue from the office directly to the sales agents accross the country.

Currently, I am focused on building software with clean, well-organized code. I am also interested in AI and have used RAG and LLM APIs in some of my projects.

## EXPERIENCE

- **Programming I Tutor** 10/2026 - 01/2027  
*IMC Krems University of Applied Sciences*
  - Tutor first-year students in Python fundamentals, including syntax, functions, data structures, and file handling
  - Help students with programming exercises, debugging, and understanding core concepts
  - Cover basic API usage through practical exercises
- **Software Developer** 04/2024 - 09/2026  
*SHEMO Pharm*
  - Developed and maintained a web-based catalogue management system with a centralized product database
  - Replaced manual product management and layout work in Photoshop with an automated workflow
  - Automated catalogue generation, offer creation, and print/export processes
  - Reduced product arrangement and positioning work by several hours per day
- **Co-founder / Full-Stack Developer** 04/2024 - 07/2026  
*Rubikon Agency & Events*
  - Co-founded Rubikon Agency at age 17, a digital agency providing web development and social media management services for business clients
  - Worked on full-stack development and maintenance across multiple client projects
  - Built websites and web applications for 10+ clients across different industries
  - Built custom digital event albums under Rubikon Events as part of expanded agency services
- **Co-founder / Software Developer** 11/2023 - 08/2025  
*ClassCompass*
  - Co-founded ClassCompass, a school management system developed during a 6-month startup incubator program
  - Built the MySQL database schema and implemented backend side operations for users, classes, timetables, grades, homeworks etc.
  - Participated in pitching events and won both DemoDay and ABSL Albania competitions, presenting the product to external stakeholders.
- **Full-Stack Developer Intern** 02/2023 - 08/2023  
*DigiLab (Digital School Prizren)*
  - Participated in DigiLab, an internship initiative within Digital School Prizren, contributing to real project work in a team environment
  - Contributed to the design and development of the Digital School Prizren website
  - Worked on the development of the institution's Learning Management System

## CONTACT

**Location:** Krems an der Donau, AT

**Phone:** +43 677 63463554

**Email:** [hi@tarikajvazi.com](mailto:hi@tarikajvazi.com)

**Web:** [www.tarikajvazi.com](http://www.tarikajvazi.com)

## EDUCATION

**IMC Krems University of Applied Sciences**

BSc Informatics · GPA 1.17 (1 = best)

09/2025 - Present

Krems an der Donau, Austria

**Mehmet Akif School**

High School · Valedictorian

09/2022 - 05/2025

Prizren, Kosovo

## TECHNICAL SKILLS

- **Programming:** Python, JavaScript
- **Backend:** Django, PHP, Node.js, REST APIs
- **Frontend:** React, HTML, CSS, Vue.js
- **Databases:** PostgreSQL, MySQL, SQLite, pgvector, ER Modeling
- **Software Engineering:** OOP, Data Structures & Algorithms, Git, Testing, Concurrency
- **AI & Emerging Technologies:** Retrieval-Augmented Generation (RAG), LLM APIs
- **Computer Networks:** TCP/IP, DNS, DHCP, HTTP/HTTPS, OSI Model

## SOFT SKILLS

Problem Solving · Teamwork · Leadership · Teaching & Mentoring

CERTIFICATES

- SQL Server for Database Administrators · 2026
- Python Junior Developer · 2025
- ReactJS Developer · 2024
- Backend Developer · 2023
- Frontend Developer · 2022
- Cybersecurity · 2022

LANGUAGES

|                |            |
|----------------|------------|
| Albanian       | Native     |
| Serbo-Croatian | Native     |
| English        | C1 (TOEFL) |
| German         | A2         |
| Turkish        | A1-A2      |

PROJECTS

[View all work \(tarikajvazi.com\)](#)

Web Accessibility Tool06/2026 - Present

JavaScript · Tampermonkey · Qwen3 · Web Speech API

University research project on web accessibility. An AI-assisted web extension that checks pages against WCAG 2.1, answers questions about a page, filters long lists by analyzing each item's linked page when needed, and remembers your display preferences.

RAG-Based Real Estate Document Assistant07/2026

Python · Django · TypeScript · PostgreSQL · Docker

RAG-based application that processes and structures real estate documents, allowing users to search documents and ask questions about their contents through natural language.

Hotel Management System05/2026

Python · Django · SQLite

Developed a full hotel management system with role-based access for admins, managers, receptionists, and cleaners. The system handles reservations, room management, guest information, room service, billing, and cleaning tasks.

AWARDS

|                                                       |             |
|-------------------------------------------------------|-------------|
| 3rd Place - National Math Olympiad for XII graders    | 11/2024     |
| 1st Place - Prizren Code Fest (Backend Development)   | 06/2024     |
| 1st Place - Spring Code Fest (Web Development)        | 03/2024     |
| 2x Gold Medalist - ASEF Web Design                    | 2023 & 2024 |
| 1st Place - Municipality Math Olympiad for XI graders | 11/2023     |
| 2nd Place - Prizren Code Fest (Web Frameworks)        | 06/2023     |

VOLUNTARY WORK

Math & English School Courses02/2024 - 06/2024  
Coordinator

- Coordinated weekly math and English courses for 5th-grade students
- Organized classrooms, schedules, and teaching materials
- Acted as a link between the school principal and student tutors

School Coding Course Instructor09/2022 - 05/2023

- Prepared and delivered coding lessons for high school students
- Taught HTML, CSS, and JavaScript
- Supported students with coding exercises and problems

Math Tutor02/2023 - 06/2023

- Tutored 5th-grade students in mathematics
- Helped students with exercises and solving problems
- Used different approaches to explain concepts based on students' understanding