

Jácint Kovács

Computer Science BSc Student



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Profile

Computer Science student specializing in backend and full-stack development using **ASP.NET Core** and **Angular**. Passionate about building scalable web applications and clean architecture. Seeking a mandatory internship to apply academic knowledge in a real-world software development environment.

Education

09/2022 – 06/2026 **Computer Science - BSc (in progress)**
Budapest *Óbuda University*

Languages

English – English – Intermediate (B1–B2, improving)

Hungarian – Native/Bilingual

Projects

2024 – Present

AI-Powered Workout Optimization

- Designed and developed a comprehensive **IoT-based web application** for real-time data processing and visualization
- Implemented **RESTful APIs** and real-time **WebSocket** communication using **ASP.NET Core**
- Developed secure authentication and authorization with **JWT-based identity handling**
- Built an **Angular** frontend featuring live data updates and interactive visualizations
- Designed and integrated a **relational database** layer using **Entity Framework Core**
- Automated the production deployment process using **GitHub Actions** and **Docker**, enabling one-click releases to a **Linux VPS**

Skills

Backend

- C# / ASP.NET Core (REST APIs, EF Core)
- Authentication & Authorization (JWT-based)
- API development (controllers, DTOs, validation)
- Relational databases (MySQL, MS SQL)

Tools

- Git/Github Actions
- Docker
- Linux/VPS management
- Postman

Frontend

- Angular (components, services, RxJS basics)
- JavaScript (API integration)
- HTML / CSS (responsive layouts)

Engineering Practices

- Object-Oriented Programming (OOP)
- SOLID, DRY principles
- Unit testing (NUnit, Moq)
- Test automation (Selenium)