Jácint Kovács

Computer Science BSc Student

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Profile

Computer Science BSc student in the final year, seeking a mandatory internship.
Strong interest in **backend** and **full-stack development** with **ASP.NET Core** and **Angular**.
Motivated to learn and contribute to a development team while gaining hands-on experience with production-level backend systems.

Education

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

Languages

English — Conversational   **Hungarian** — Native/Bilingual
B2 level in progress

Projects

2024 – Present   **IoT-based Real-Time Web Application**
- Designed and developed a comprehensive IoT 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**

Skills

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

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

Tools
- Git
- Docker (Basic containerization)
- Swagger
- Postman

Engineering Practices
• Object-Oriented Programming (OOP)
• SOLID, DRY principles
• Unit testing (NUnit, Moq)