Umut Albayrak Backend Developer — Computer Engineering Student

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Summary

Computer Engineering student specializing in backend development with C# and ASP.NET Core. Skilled in building RESTful APIs, database design, and applying clean architecture principles. Experienced with Git, Firestore, and agile teamwork. Seeking to contribute as a Junior Backend Developer with a strong focus on performance, scalability, and security.

Technical Experience

DatingApp2025   *Backend Developer & Scrum Master*

- Collaborated in a 5-member team project, taking dual role as Backend Developer and Scrum Master.
- Developed backend modules with ASP.NET Core Web API for authentication, reporting, matching, and notifications.
- Designed and implemented the connection between the backend and Google Firestore for data persistence.
- Facilitated sprint planning and daily stand-ups as Scrum Master, ensuring effective collaboration and task tracking.
- Collaborated with a frontend developer (React) and an AI team (Flask) to integrate the recommendation system and ensure smooth API usage.
- Contributed to API documentation and version control with GitHub to support team collaboration.

PhoneBook   *C++ Console App*
- Built with CRUD operations and File I/O using C++ and STL.
- Persisted data with `fstream` in CSV-like format for load/save reliability.

JobApplicationChecker   *C++ Console App*

- Built a rule-based eligibility checker (age, driver's license, university graduation).
- Implemented clear control flow with nested conditions and case-insensitive string checks.
- Focused on user prompts and error messaging to guide decisions in a simple hiring scenario.

Skills

Programming Languages: C#, C++
Backend Frameworks & Runtimes: ASP.NET Core, Entity Framework Core, RESTful API Development
Frontend: HTML, CSS
Databases: MSSQL Server, Google Firestore
Other: Git, GitHub, REST API, Postman, Swagger
Methodologies: Scrum, Agile, Clean Architecture

Education

Van Yuzuncu Yıl University   Van, Turkiye
B.Sc. in Computer Engineering   Oct 2023 – Jun 2027

Certificates

- HackerRank C# (Basic) Certification – 2025

Languages

- Turkish – Native
- English – Elementary Proficiency