

## Demir Demirdögen

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## EDUCATION

Yaşar University - **B.Sc. in Software Engineering** | June 2027

Relevant Coursework: Data Structures & Algorithms, Algorithm Analysis, Database Systems, Software Testing & Quality, Software Architecture

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## Technical Skills

- Languages: C#, Java, SQL
  - Web: ASP.NET Core, ASP.NET Core MVC, Bootstrap, Material UI
  - Database: SQL Server, Entity Framework Core
  - Software Dev: RESTful APIs, Unit Testing, Clean Architecture
  - Tools: Git, GitHub, JWT, Algorithm Optimization
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## Projects

**EasyStay – Hotel Management System** (*ASP.NET Core, EF Core, SQL Server, Bootstrap*)

- Developed a role-based reservation system with a multi-layered architecture.

**YU TimeTable – Course Scheduling System** (*Python, SQL, ASP.NET, React, Tailwind*)

- Designed an automated scheduling system using backtracking to prevent conflicts.

**AvoPure – E-commerce Platform** (*ASP.NET Core MVC, SQL Server, Bootstrap*)

- Created a lightweight e-commerce site with secure checkout and order tracking.

**Elevator Simulation** (*Java, OOP, Multithreading*)

- Simulated an intelligent multi-elevator system with optimized scheduling.
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## Languages

- English (Intermediate)
- Turkish (Native)