# Onur Haktan

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## Profile

Knowledgeable in backend development. Fast learner and eager to explore new technologies. Believer in agile software development and team work. Able and willing to think outside the box.

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## Skills

**Back-End**: Java, Spring, Spring Boot, C#, .NET Framework, .NET Core, PostgreSQL, MySQL, SQL Server, Hibernate, EF Core, JUnit, Mockito, Maven, JWT
**Front-End**: HTML, CSS, Bootstrap, JavaScript, AngularJS, jQuery
**Developer Tools**: Git, AWS, Postman, SwaggerUI, Intellij IDEA, VS Code
**Technical Skills**: Object-Oriented Programming, Data Structures and Algorithms, SOLID Principles, Design Patterns, Unit and Integration Testing

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## Education

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| **Eskisehir Technical University** | Eskisehir |
| *Bachelor's Degree, Computer Engineering* | *Sep. 2019 – June 2024* |

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## Experience

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| **Software Engineering Intern** | August 2023 – October 2023 |
| *E-Commint* | *Remote, Intern* |

- Gained experience about the development process of E-Commerce applications and features.
- Learned Java based SAP Hybris framework.
- Developed Bookstore project with SAP Hybris.
- Experienced software development methods with Agile software development.

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| **Software Engineering Intern** | July 2023 |
| *T.C. Department of Information Processing of the Ministry of Youth and Sports* | *Ankara, Turkey* |

- Gained basic network concepts, TCP/IP protocols, OSI Reference Model and layers, network topologies, and theoretical information about basic network devices.
- Praticed the subject of splitting into subnets with IP addressing practically.
- Created real-world scenarios by creating home and corporate networks with the Cisco Packet Tracer simulation tool.

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## Coding Projects

### Blog API

- REST APIs developed using Spring Boot includes CRUD operations, pagination, sorting, filtering, exception handling, and validation. They ensure secure endpoints using Spring Security with role-based access control through JWT authentication.

### ASP.NET Core Web API NZWalks Project

- Developed REST APIs using ASP.NET Core involve a Web API setup, utilizing Entity Framework Core, asynchronous programming with Async Await, and ensuring API security by implementing Microsoft Identity for authentication and role-based authorization through JWT.

### MVC Blog Project

- ASP.NET Core MVC project built on .NET 7, employing Entity Framework Core in a code-first approach, implementing the Repository Pattern, and integrating Ajax requests with jQuery.

**Unit&Integration Test Project**
- Utilizing Spring Boot Starter Test, conducting Unit and Integration tests following Behavior-Driven Development (BDD) style. This includes unit testing for Repository, Service, and Controller layers, employing Mockito annotations for creating mock objects, and performing integration tests using Testcontainers.

**Spring Security Project**
- Users can register and log in securely using JWT authentication, log out when needed, utilize refresh tokens, and change their passwords through the system's mechanism.