

Onur Haktan

✉ Mail | [🌐 LinkedIn](#) | [🐙 GitHub](#) | [🌐 Portfolio](#) | ☎ 0534 615 88 10 | Eskisehir, Turkey

Profile

Knowledgeable in backend and full-stack 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.

Skills

Back-End: Java, Spring Framework(Boot, Cloud, Security, Data, MVC), Apache Maven, Hibernate/JPA, JUnit, Mockito, PostgreSQL, MySQL, JWT, Microservices, REST API

Front-End: ReactJS, JavaScript, ViteJS, Axios, jQuery, HTML, CSS, Bootstrap

Developer Tools: Git, Docker, Postman, SwaggerUI, IntelliJ IDEA, VS Code

Technical Skills: Object-Oriented Programming, Data Structures and Algorithms, SOLID Principles, Design Patterns, Unit Testing, TDD, Agile-Scrum Methodology

Education

Eskisehir Technical University

Bachelor's Degree, Computer Engineering

Eskisehir

Sep. 2019 – June 2024

Experience

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.
- Experienced software development methods with Agile software development.

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.
 - 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.

Spring Boot Microservice Project

- I implemented a microservices architecture using RestTemplate, WebClient, and Spring Cloud OpenFeign for communication. Service registry and discovery were handled with Spring Cloud Netflix Eureka, along with load balancing using Eureka server and OpenFeign via Spring Cloud LoadBalancer. Additionally, I developed an API Gateway using Spring Cloud Gateway, centralized configurations using Spring Cloud Config Server, and implemented distributed tracing with Spring Cloud Sleuth and Zipkin. Resilience was enhanced with Resilience4J patterns including Circuit Breaker. Furthermore, I created and integrated a React Frontend Microservice with backend microservices.

Full-stack Employee Management System

- Created a full-stack Employee Management System web application using Spring Boot, Spring Data JPA, React JS, and MySQL database. The application includes modules for managing employees and departments, with both backend and frontend implementations. Additionally, web pages were styled using the Bootstrap CSS framework.

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.

Security API

- 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. Role-based authorization.