



S. UTKU ÇOLAK

Software Developer

Contact

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Military Service Status: Completed

Driving Licence: B

Profile

As a passionate Computer Programming graduate, I'm driven by a desire to create lasting impact through technology. I pay close attention to detail, embrace lifelong learning, and thrive in collaborative environments where I can both contribute and grow. My vision is to become a dynamic professional who not only adapts to evolving technologies but also helps shape them—adding measurable value to every team I join.

Professional Experience

09/2022 - 09/2023
Hybrid | Ankara, Turkey

GIS Operator Başarsoft Information Technologies

Responsible for processing, editing, and managing geospatial data using GIS software. Tasks include digitizing maps, updating spatial databases, performing spatial analysis, and ensuring data accuracy and consistency. Collaborates with project teams to support decision-making through geographic data visualization and analysis.

Education

2014 - 2018

Sınav College

2019 - 2021

Ahi Evran University

Computer Programming

Courses

Completed
12/2023 - 09/2024
(320 Hours)

Full Stack Software Development Java BilgeAdam Academy

During this intensive training program, I gained comprehensive knowledge in developing Java-based web applications. I received both theoretical and hands-on training on topics such as Java 8, Spring Boot, Spring Data JPA, RESTful API development, authentication with JWT, SQL, and PostgreSQL. On the frontend side, I was introduced to HTML, CSS, and JavaScript, gaining practical experience in building a full-stack web application from scratch. Through the final project, I had the opportunity to apply what I learned by developing a real-life-like application.

Projects

09/2024 - 11/2024

Car Rental Management System

This Spring Boot-based project is a comprehensive car rental system that includes both user and admin panels. Within the scope of the application:

- User authentication and security were implemented using JWT.
- Vehicle and user management were handled via the admin panel.
- Users can rent vehicles, view their rental history, and track their active rentals.
- An automatic pricing system was triggered when the rental period was exceeded, calculating the updated balance.
- API documentation was provided using Swagger UI.
- Data seeding was implemented to automatically generate sample admin, user, and vehicle data at application startup.
- A layered architecture was used throughout the development process, ensuring clean and maintainable code with well-structured components such as controllers, services, repositories, models, DTOs, exceptions, request/response classes, and utilities.

Through this project, I gained hands-on experience in backend architecture and the software development lifecycle. I focused on aspects such as user experience, data integrity, and security in line with real-world scenarios.

Skills

Java Core (Java 8, JCF, StreamAPI, Lambda expressions, Generics, ReflectionAPI, Multithreading)

Spring (Spring Boot, Spring Security, Spring Data)

Application Services (Apache Tomcat)

Database Technologies (JPA, Hibernate, JDBC, Flyway)

Application Build Tools (Maven)

OOP (OOP Paradigms, S.O.L.I.D, Design Patterns)

SQL (PostgreSQL)

JUnit / Mockito

Data Structures & Algorithms

Application Structures (Monolith, Microservices)

Unix / Linux

Docker

Front-End Technologies (HTML, CSS, JavaScript)