

Diyaeddin Habdo

Computer Engineer



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Education

Malatya Turgut Özal University Turkey, Malatya Graduated in 2025

Internship Experience

Bera Ar-Ge Yazılım - Malatya, Turkey

Intern - June 2024 - August 2024

- Developed an e-commerce website as a part of the internship program, with a role-based admin panel allowing product and user management.
- Designed and implemented secure token-based API authentication for all operations.
- Focused on enhancing scalability and maintainability using modern development practices.

Some Of My Projects

Internship document tracing system(web)

Developed a web application to streamline the process of uploading, reviewing, and approving students' internship documents. The system allows instructors to review and approve documents, which are then directed to the advisor for final approval. Rejected documents are returned to students for revision and re-submission.

Database Backup Service(Windows Service)

A Windows Service application was developed using .NET Framework to automate database backups. The service is designed to periodically backup a specified SQL Server database and save the backup files to a specified directory. Automatic database backup at predefined intervals. Error handling and logging to ensure reliability and traceability of backup operations. Optimized performance to minimize system resource usage during scheduled tasks.

Cafe Order Management Application (Mobile)

Developed a mobile application to manage orders in cafes. Waiters input customer orders by table, which are sent to the kitchen for preparation. The cashier uses the app to process the payment after the customer provides their table number.

Banking System (Windows Forms)

Developed a Windows forms application simulating a bank system, enabling users to manage customer records and perform transactions such as money transfers, deposits, withdrawals, and balance inquiries. The system uses a modular, 3-tier architecture for improved code management and maintainability.

Technical Skills

- C++
 - OOP , Big O Notation , Stack Data Structure , Vector Data Structure , Queue Data Structure
 - Singly Linked List , Doubly Linked List , Circular Linked List
- C#
 - OOP , Events, Delegations , Reflections , Generics , Cryptography , Async Programming , Multithreading programming
 - Lists , HashTable , Dictionary , Hashset , SortedList , SortedSet , Sorted Dictionary , ArrayList
 - ObservableCollection , BitArray , Jagged arrays , Tuples , IEnumerable Collection Interface , ICollection
 - IList , IDictionary , ISet , IComparable , Tree Data Structure , General Tree , Binary Tree
 - Graphs , Heap Data Structure , Priority Queue
- SQL , T-SQL , MSSQL , ADO.NET , Dapper , EF Core
 - Database Design , DDL , DML , SQL – Queries , Joins , Views , Normalization , Stored Procedures , Triggers
- 3-Tier Architecture , .NET Framework , ASP.NET Core , SignalR
- RESTful APIs , Windows forms , React js , Flutter , HTML , CSS , JS
- OOP & Data Structures
- SOLID Principles

Languages

- Arabic: Native
- Turkish: Near-native proficiency
- English: Intermediate

Courses

Some of the courses I took (programmingadvices.com)

- OOP
- Data Structures
- SQL & T-SQL
- Windows Services
- RESTFUL APIs

Portfolio

