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.

🔗 Simple E-Commerce Site (Web)

RESTful APIs were developed using ASP.NET Core Web API and these APIs were integrated with the front-end interface prepared with technologies such as React, HTML, CSS, Bootstrap and React Gallery. Database management was provided with SQL Server, T-SQL and ADO.NET in the system structured using a 3-tiered architecture. User authentication was performed with Access Token. Product images were stored quickly and securely using Cloudinary. Role-based user management was applied through the admin panel and admin and product manager authorizations were defined.

⬈ 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 ,Dappper, 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 (programmingadvices.com)

- 01 - Programming Foundations - Level 1
- 02 - Algorithms & Problem-Solving Level 1
- 03 - Programming Using C++ - Level 1
- 04 - Algorithms & Problem-Solving Level 1 Solutions
- 05 - Algorithms & Problem-Solving Level 2
- 06 - Introduction to Programming Using C++ Level 2
- 07 - Algorithms & Problem Solving Level 3
- 08 - Algorithms & Problem Solving Level 4
- 09 - Foundations Level 2
- 10 - OOP as it Should Be (Concepts)
- 11 - OOP as it Should Be (Applications)
- 12 - Data Structures - Level1
- 13 - Algorithms & Problem Solving Level 5
- 14 - C# - Level 1
- 15 - Database Level 1 - SQL (Concepts and Practice)
- 16 - OOP As It Should Be In C#
- 17 - Database - SQL (Projects & Practice)
- 18 - C# & Database Connectivity.
- 19 - Full Real Project
- 20 - C# Programming Level 2
- 21 - Database Level2 - Concepts & T-SQL
- 22 - Data Structures Level 2 in C#
- 24 - Windows Services
- Solid Principles
- HTML - Deep Dive
- CSS Foundations Deep Dive