

Barkin Celiker

Data Scientist Enthusiast

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Data Scientist enthusiast with a strong interest in Python, SQL, Big Data, and Statistics. I am dedicated to working diligently and delivering results with precision and creativity. Passionate about leveraging data to uncover actionable insights, I approach challenges with commitment, enthusiasm, and a continuous drive for learning.

EDUCATION

Management Information Systems

Yasar University

- 2021-

International Trade & Logistics

Anadolu University

- 2022-
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PROJECTS

INVENTORY TRACKING & PERSONNEL MANAGEMENT SYSTEM

- The Inventory and Personnel Management System I developed was created using C# and .NET Framework with ASP.NET web and Windows desktop applications. I used an ORACLESQL database and performed data analysis and visualization on the recorded data using Python. The inventory management system tracks product in-and-out movements, sends alerts for critical levels, and facilitates order management. The personnel management section includes tracking employee hours, shift schedules, and salary management. Additionally, I optimized workforce investments through employee performance analysis.

SMART PARKING MANAGEMENT SYSTEM

- The Smart Parking Management System integrates advanced technologies for efficient parking management. It employs C# for a Windows Forms application to handle operations and Swift (UIKit/SwiftUI) for an iOS app that allows real-time reservations and occupancy tracking. The backend database, managed with SQL (SQLite & MSSQL), ensures secure data storage. Tools like DBeaver and Azure Data Studio facilitate database development, while cloud or on-premises servers host the system. Key features include real-time parking space monitoring, seamless app integration for updates and reservations, secure user data storage for personalization, and detailed reporting tools to support administrators in optimizing operations.
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SKILLS

- Python, SQL, C#
- Big Data, Machine Learning
- Future Engineering
- Statistics
- Data Visualization
- Data Analytics