Guendouz Mohammed Abdelkrim

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Technical Skills

- **Programming Languages**: C#, C++

- **Frameworks**: .NET

- **Database Management**: SQL Server, Database Design, T-SQL

- **Web Services**: RESTful API

- **Web Development**: HTML, CSS , JavaScript

Projects

DVLD (Driving & Vehicle License Department) **Github**
I independently developed a sophisticated system utilizing a 3-tier architecture to streamline the management of driving licenses. The system automates the testing process for several key aspects, including psychoanalysis, vision, written tests, and driving skills. Additionally, it efficiently manages the renewal and issuance of both local and international licenses, enhancing the overall user experience and operational efficiency.

Hotel Management System **Github**
I independently developed a comprehensive hotel management solution utilizing a 3-tier architecture. This system covers all aspects of hotel operations, including room reservations and service management. It is designed to handle multiple services effectively, such as booking, customer check-ins and check-outs, and billing, thereby enhancing operational efficiency and improving the guest experience.

Library Book Management System **Github**
I independently developed a dynamic library management system utilizing a 3-tier architecture. The system is designed for efficient tracking of books, users, and membership records. It supports a wide range of functionalities, including book borrowing, reservations, and fine management, enhancing the overall efficiency of library operations.

Code Generator **Github**
Developed a code generator that automates CRUD operation creation across the Data Access Layer and Business Layer using ADO.NET, along with generating SQL Server stored procedures. This tool enhances backend development efficiency by following best practices for system design.

Bank System **Github**
A robust banking application developed in C++ that facilitates comprehensive management of users and clients. This system supports client account operations, including deposits, withdrawals, and balance inquiries, and offers an integrated currency exchange feature.

Education

Kasdi Merbah University **Ouargla , Algeria** **Computer Science,2025**