

Rifaat Ramadan

Desktop Developer

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Objective

I'm a junior desktop developer who enjoys taking projects from the first database design all the way to a working desktop application. Through building systems like a Driving Vehicle Licensing System and a Sales & Inventory Management System, I've gained solid experience with .NET, SQL Server, and clean architecture. I'm looking for an internship where I can put these skills to use, contribute to real applications, and keep growing as a developer while working with a team.

Technical Skills

- **Languages & Databases:** C#, VB.NET, .NET framework, SQL Server, T-SQL, ADO.NET
- **Tools & Architecture:** Git, GitHub, WinForms, OOP, Clean Code

Projects

Sales & Inventory Management System (In Progress [RifaatRamadan0/InventoryManagementSystem](https://github.com/RifaatRamadan0/InventoryManagementSystem))

- Designing and building a desktop application for small businesses (mini-markets, retail shops) to manage sales transactions, inventory stock, suppliers, and product categories.
- Implementing a modular 3-tier architecture (UI, BLL, DAL) to ensure scalability, clean separation of concerns, and maintainability.
- Includes features like role-based access (Admin/Cashier), secure login with hashed passwords, and CRUD operations for products, categories, and suppliers.
- Using stored procedures for all database operations to ensure performance and data integrity.

Driving Vehicle Licensing System (<https://github.com/RifaatRamadan0/DVLD-System>)

- Developed a scalable desktop application to manage vehicle licensing operations, including user authentication, driver records, and licensing workflows.
- Designed and implemented a full end-to-end system, from database modeling to implementation, using a 3-tier architecture (UI, BLL, DAL) for scalability and maintainability.
- Implemented CRUD operations using ADO.NET and SQL Server, ensuring data integrity and performance.
- Focused on writing clean, maintainable code and adopting software engineering best practices to mirror enterprise-level system design.

Technologies: C#, .NET (WinForms), SQL Server, ADO.NET, Three-Tier Architecture

ATM Management System (github.com/RifaatRamadan0/ATM-Management-System)

- Developed a secure ATM application simulating login, withdrawal, deposit, and balance check features.
- Implemented data handling through structured file storage, ensuring data persistence and integrity.

Technologies: C++, File Handling

Education

B.Tech. Business Computing

Lebanese University, Sidon, Lebanon (2023 - Expected 2026)

Relevant coursework: Database Systems, OOP, Software Engineering, Algorithms.