SHENOUDA THARWAT

Full Stack .Net Developer

☎ 201031660540 • 📍 Dyr abo henis -Mallawi-Minya • 🌐 Shenouda Thawa.com • ✉ Shenoudatharwat0@gmail.com

ABOUT ME

Results-oriented Full Stack .NET Developer with a strong foundation in network engineering and database management. Skilled in building scalable, multi-tenant architectures using C# and SQL. My background in networking allows me to bridge the gap between software logic and infrastructure performance, ensuring applications are not only functional but optimized for security and efficiency. Currently focused on developing complex management platforms with robust backend logic.

EDUCATION

AITU   2023 - 2027
Bachelor of Information Technology

TECHNICAL SKILLS

- C#
- LINQ
- CSS3
- Microsoft SQL Server
- ASP.NET Core Web APIs
- OOP
- JavaScript
- T-SQL
- Entity Framework (EF) Core
- HTML5
- Bootstrap
- Database Design

SOFT SKILLS

- Problem-Solving & Analytical Thinking
- Time Management & Prioritization
- Effective Communication
- Critical Thinking
- Adaptability & Continuous Learning

LANGUAGE

- English
- Arabic
- German

PROJECTS

EliteStay System | Multi-Tenant Hotel Management Platform   **FULL STACK DEVELOPER**

- Technologies: C#, .NET Core, SQL Server, Entity Framework Core, RESTful APIs.
- Designed and implemented a scalable architecture supporting multiple hotel clients on a single instance, ensuring strict data isolation and security between tenants.
- Engineered a complex relational database in SQL Server to manage dynamic room inventory, reservations, and guest profiles.
- Optimized LINQ queries and stored procedures to reduce latency during high-traffic booking periods.
- Built robust backend logic for booking validation and utilized Role-Based Access Control (RBAC) to manage permissions for administrators, front-desk staff, and housekeeping.
- Developed and documented secure RESTful APIs to facilitate seamless communication between the server and client applications.

LedgerLock | Secure Transaction & Audit System   **Full Stack Developer**

- Technologies: C#, .NET Core, Dapper, IdentityServer4, Cryptography.
- Designed a transaction engine capable of handling simultaneous fund transfers, utilizing database locking strategies (Optimistic Concurrency) to prevent race conditions and double-spending.
- Implemented AES-256 encryption for sensitive financial data at rest and built an immutable audit log to track every system action for compliance.