

Sharawy Mohamed

.Net Developer

✉ sharawymohamed.a@gmail.com ☎ +201124487053 📍 Egypt, Cairo 🌐 github.com/SharaawyMohamed

📊 codeforces.com/profile/Sh3raawy 🏠 leetcode.com/u/sharawym275/ 🔗 linkedin.com/in/sharawymohamed/

EDUCATION

Sohag University, Bachelor of Computer Science
GPA 3.22

2021 – 2025

EXPERIENCE

Back-end Developer (Intern/Project Work), Route IT Training | May 2024

Nov 2023 – May 2024

- **Engineered** a Talabat API and an Employee Management System (MVC) using advanced C#, EF Core, and API development.
- **Mastered** database design, Microsoft SQL Server, OOP, LINQ, and design patterns.
- **Gained proficiency in** MVC architecture and back-end development.

PROJECTS

Airbnb [API] 📄

Sep 2024 – present

- **Created** core features, including user authentication, property listings, booking management, search filters, and payment integration.
- **Incorporated** real-time notifications and chat using SignalR and scheduled booking updates.
- **Enhanced** system efficiency with CQRS, caching, and RESTful APIs.
- **Technologies:** C#, Entity Framework Core, LINQ, RESTful APIs, CQRS, JWT Authentication, SignalR, Clean Architecture.

DeviceHub [MVC] 📄

Jul 2024 – Aug 2024

- **Constructed** a robust admin dashboard with comprehensive user and role management.
- **Deployed** product CRUD operations, data pagination, and session tracking for user activity.
- **Implemented** secure payment processing using the Stripe API.
- **Technologies:** ASP.NET 📄 Core, Entity Framework Core, Clean Architecture, Repository Pattern, Stripe API, SQL Server.

Talabat [API] 📄

Apr 2024 – May 2024

- **Orchestrated** task scheduling, authentication, user registration, search filters, and secure payment workflows.
- **Boosted** performance using Redis caching, JWT authentication, and RESTful API optimization.
- **Developed** using OOP principles, Design Patterns, and Onion Architecture.
- **Technologies:** C#, Entity Framework Core, LINQ, RESTful APIs, JWT, Redis, Onion Architecture.

Employee Management System [MVC] 📄

Mar 2024 – Feb 2024

- **Designed** Employee Management System with CRUD, Auth, Twilio, MailKit.
- **Built** with EF Core, LINQ, and a 3-tier architecture for scalability and maintainability.
- **Technologies:** C#, EF Core, LINQ, MVC, MailKit, Twilio, 3-Tier Architecture.

SKILLS

C# • OOP [C#] • Database Design • SQL • LINQ • Entity Framework Core • MVC • Restful APIs • Clean Architecture • CQRS & Fluent Validation • Unit Testing • SignalR • Redis • Design Patterns • C++ • Data Structures • Problem Solving • Algorithms • Agile • Controle version (Git & GitHub)

VOLUNTEERING

Unit Testing 📄

- **Authored** comprehensive unit tests for key platform features, covering trainee tracking, mentor management, and session modules.
- **Collaborated** with developers to ensure a high-quality, user-friendly experience.

TRAININGS

ICPC FCAI Sohag Trainee

Oct 2022 – May 2023

- **Advanced** programming skills through targeted training in competitive programming.
- **Specialized** in core data structures and algorithm development.

ICPC FCAI Assiut Winter Camp Trainee

Feb 2022

- **Deepened** understanding of data structures and algorithms.
- **Honed** competitive programming abilities through intensive contest participation.

AWARDS

ECPC Qualification Collegiate Programming Contest (2022). 📄

Back-end (.Net Core) diploma with Route IT Training Center 📄

Problem Solving

Reached pupil ranck at codeforces with +1300 problem solved