

Shady Mohamed

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🐙 GitHub 📊 CodeForces 🏆 LeetCode 🎓 ICPCID

Summary

Passionate back-end developer specializing in ASP.NET Core, Entity Framework, and SQL Server, with a track record of building scalable enterprise solutions.

Proven competitive programmer and ECPC finalist with advanced problem-solving skills in C++, C, and Python.

Adept at delivering robust projects and collaborating in fast-paced, high-performance technical environments.

I have solid experience with front-end technologies such as HTML, CSS, JavaScript, Bootstrap, and JQuery, enabling me to contribute effectively across the full stack and deliver seamless user experiences.

Education

BENHA UNIVERSITY

COMPUTER SCIENCE

📅 2021 — 2025

📍 Benha, EG

GPA: 3.67 / 4.0

Graduation Project: Virtual E-Commerce (see Technical Projects)

DEPI

FULL-STACK .NET DEVELOPMENT BOOTCAMP

📅 Oct 2024 — May 2025

📍 Remote, EG

6-month intensive program focused on ASP.NET, Entity Framework, Unit Testing, and modern JavaScript frameworks.

Graduation Project: HR Management System (see Technical Projects)

Experience

SCALE AI

Coding AI Model Tester

📅 Sept 2023 – Oct 2023

📍 USA (Remote, Freelance)

- Conducted regular interactions with AI models for performance evaluation and accuracy assurance.
- Challenged AI with complex problems to assess its problem-solving capabilities.
- Rated AI responses based on relevance, accuracy, and comprehensiveness.
- Delivered actionable feedback to the development team for continuous model improvement.

Competitive Coding AI Trainer

📅 July 2023 – Sept 2023

📍 USA (Remote, Freelance)

- Successfully completed 67 coding tasks with 100% accuracy, encompassing problem-solving using C++ and Python.
- Formulated comprehensive test cases to validate coding solutions, ensuring the robustness and reliability of the AI training process.
- Generated high-quality summaries and editorials for coding challenges, contributing to the development of an advanced generative AI model.
- Played a pivotal role in training a cutting-edge generative AI model by addressing coding challenges in the Dolphin Project, aiding in the model's enhancement.

Technical Projects

VIRTUAL E-COMMERCE 🔄

C# - EF - WEB API

This project is a web application built using ASP.NET Core (targeting .NET 8.0), designed to provide a scalable foundation for modern online commerce solutions.

HR MANAGEMENT SYSTEM 🔄

C# - EF - ASP.NET MVC - HTML - CSS - JS

HRMS full-stack project with MVC architecture, payment integration using stripe, authentication and authorization.

Volunteer Experience

ICPC BENHA COMMUNITY

COMMUNITY INSTRUCTOR

- Wrote contests and sheets
- Made problem-solving lectures and practice sessions

Skills

PROGRAMMING LANGUAGES

C • C++ • C# • Python • Java • JavaScript • HTML • CSS

FRAMEWORKS & LIBRARIES

Bootstrap • JQuery • Entity Framework • Tailwind CSS • Bootstrap • GSAP • ASP.NET MVC

DATABASES

Oracle • SQL Server

API DEVELOPMENT & TESTING

RESTful APIs • Postman • Swagger

MISCELLANEOUS

Git • Shell • Bash • Microsoft Office • Google (Sheet/Documents/Presentation)

OPERATING SYSTEMS

Windows • Linux

TOOLS AND CONCEPTS

GitHub • Problem-Solving • Competitive Programming • Data Structures • Algorithms • OOP • SOLID Principles • Design Patterns

Honor & Awards

ECPC

- 79th place — ECPC 22'
- 67th place — ECPC 23'

Certificates

ECPC QUALIFICATION CONTEST (2022 - 2023)

ECPC FINALIST CONTEST (2022 - 2023)

ECPC QUALIFICATION CONTEST (2023 - 2024)

HACKER RANK PROBLEM SOLVING (INTERMEDIATE)

Languages

ARABIC

NATIVE

ENGLISH

ADVANCED

DEUTSCH

BEGINNER