

# Youssef Adel Mohamed Sobh

## Backend Developer

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### EDUCATION

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#### ElShorouk Academy

Faculty of Computer Science - 4th year

2021 - 2025

### EXPERIENCE

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#### Coding Instructor

Nov. 2023 - Present

iSchool

- Collaborated with the Ministry of Telecommunications and Information Technology on the DEMI project.
- Educated over 900 students across Egypt in programming and AI concepts through offline and online sessions.

#### .NET Full-Stack Development Intern

Aug. 2024 - Present

ITI Smart Village

- One-month summer training program at ITI.
- Gained experience with C#, SQL Server, EF Core, and ASP.NET Core.

#### .NET Head and Instructor

Oct. 2023 - May 2024

Google Developer Student Clubs

- Led a team of students in mastering backend development using .NET.
- Conducted project-based workshops on various .NET development topics.

#### InnovEgyt Trainee

Sep. 2023

ITIDA, TIEC

- Received entrepreneurship training and essential soft skills such as teamwork, leadership, and presentation.
- Created a startup simulation project.

#### CIB Intern

Aug. 2023

Commercial International Bank (CIB) - Egypt

#### Data Entry

May 2023

Office affiliated with Orange Egypt

### TECHNICAL SKILLS

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**Languages:** C#, Python, C/C++, Java, SQL (SQL Server), JavaScript, HTML/CSS

**Frameworks:** ASP.NET MVC, ASP.NET Web API, Entity Framework Core, LINQ, Flask, jQuery, Ajax

### PROJECTS

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#### SASTify (Graduation Project) | Python, Flask, JavaScript

- Developing a Static Application Security Testing (SAST) tool that scans source code for security vulnerabilities and provides actionable remediation suggestions.
- Key feature: runs entirely offline in a secure, isolated environment on the user's local machine to ensure maximum data privacy.
- Responsible for backend development using Flask and seamless integration with the frontend using JavaScript.
- Project is currently in active development.

#### Point Of Sales API | C#, ASP.NET Web API, MS SQL Server, EF Core, VS

- Developed an API for handling cashier operations including inventory management, payment processing, and receipt generation.
- Implemented role-based access control with secure authentication and authorization mechanism.

**BookLand** | ASP.NET MVC, SQL Server, EF Core, jQuery, AJAX, Bootstrap, C#, HTML, CSS, JavaScript

- Developing a comprehensive web application for managing library operations, including books, categories, authors, rentals, and subscriptions.
- Implemented daily email notifications for subscribers and integrated WhatsApp API for real-time messaging.
- Built robust authentication and authorization modules to ensure secure access and fine-grained permission control.
- Project is currently in active development.
- [GitHub Repository](#)

#### **Event Management System** | *C# Win-Forms, MS SQL Server, EF Core, VS*

- Desktop Application with admin panel to add new event with all related info and user panel for searching and booking tickets

#### **Courses Management System** | *C# Win-Forms, MS SQL Server, EF Core, VS*

- Desktop Application in which you can enter with student email to enroll in courses and see your courses schedule or enter as teacher to see your schedule and earnings

#### **Media Player** | *C# Win-Forms, VS*

- Desktop Application to play songs and videos
- [Github Repo](#)

#### **Craftsmen Reservation System** | *Java Swing, Apache NetBeans*

- Desktop Application with admin panel to add new craftsman with all related info and user panel to search for the desired craftsman with customized budget and minimum experience
- [Github Repo](#)

#### **Quiz Application** | *Java, XML, Android Studio*

- Mobile Android Application to make a quiz with count down timer and random-generated MCQ questions

#### **Cancer Detection Model** | *Python, TF, Pandas*

- Machine Learning model that detects Lung Cancer from X-Ray

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#### PERSONAL INFORMATION

**Age:** 20 years

**Address:** Faisal, Giza, Egypt

**Nationality::** Egyptian

**Military Status:** Postponed

**Links:** [Github](#) , [Linkedin](#)