

# Nourhan Elnagar

Software Engineer

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## PROFILE

Looking for a challenging and responsible position in the field of software development, where I can utilize my experience in full-stack web development using .NET. to be part of an organization where I can fully utilize my skills, contribute to their success adding to my personal and professional growth .

## EDUCATION

### Bachelor of Computer Science

2020 – 2024

*Faculty of Computers and Informatics, Suez Canal University (SCU)*

*Ismailia , Egypt*

- Grade: Very Good
- Graduation Project Name: HomeX
- Graduation Project Grade: Excellent

## INTERNSHIPS

### Intensive Training Program (ITP)

Nov 2024 – Apr 2025

*ITI - Information Technology Institute*

*Zagazig, Egypt*

Full Stack Web Development using .Net

- Gaining hands-on experience in .NET Backend and Angular Frontend.

### Frontend Development Intern

Jul 2023 – Aug 2023

*ITI - Information Technology Institute*

*Ismailia, Egypt*

- Completed a structured learning track covering HTML, HTML5, CSS, CSS3, JavaScript, JQuery, Sass, and Responsive Design.
- Gained hands-on experience in front-end development through practical projects and assignments

### UI&UX Design Intern

Jul 2022 – Aug 2022

*ITI - Information Technology Institute*

*Ismailia, Egypt*

- Developed expertise in UI/UX principles, wireframing, prototyping, and visual design for web and mobile applications
- Worked with industry-standard tools including Adobe Photoshop, Illustrator, and Figma.
- Applied HTML, CSS, Bootstrap, and responsive design techniques to create user-friendly interfaces.

## TECHNICAL SKILLS

**Backend Using .NET:** C#, OOP, ASP.NET Core, ASP.NET MVC, ASP.NET Web API, LINQ, Entity Framework (EF) Core, SQL.

**Frontend Using Angular:** HTML & CSS, JavaScript, TypeScript, jQuery, Bootstrap, Responsive Web Design, Angular.

**Version Control:** Git & GitHub.

**Other:** Problem Solving.

## PROJECTS

### ITI Examination System Database

Github

Feb 2025

- Developed an automated online exam management system to optimize exam workflows and grading.
- Designed database schema and implemented stored procedures, and triggers for automation and data integrity.
- **Technologies Used:** SQL Server

- **Team Leader:** Led a team in designing and developing a smart home automation system
- **System Development:** Built an embedded system that enables users to control lighting, monitor gas and temperature levels, and manage security and irrigation—all through a mobile interface.
- **Technology Stack:** Utilized ESP32 and ESP32Cam microcontrollers to integrate sensors for real-time monitoring and control.
- **Database Integration:** Implemented Firebase for real-time data management, ensuring seamless synchronization and storage across the system.

ACHIEVEMENTS & AWARDS

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Participated in the ECPCQ (Egypt National Programming Contest)

- 2021 ICPC ECPC Qualifications - Secured **(18th)** out of 35 teams [Link](#)

PERSONAL SKILLS

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|------------------------|-----------------------|
| • Communication Skills | • Adaptability        |
| • Teamwork             | • Critical Thinking   |
| • Team Leadership      | • Presentation Skills |
| • Time Management      |                       |

VOLUNTEER EXPERIENCE

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- |  |                     |
|--|---------------------|
| • ICPC Suez Canal University Community |                     |
| • Head of Human Resources              | Dec 2023 - Oct 2024 |
| • Vice President of Human Resources    | Sep 2023 - Dec 2023 |
| • HR Member                            | Sep 2022 - Sep 2023 |

LANGUAGES

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- **Arabic:** Native Proficiency
- **English:** Professional Working Proficiency