

# SARA ABDELRAHMAN ELSAYED

## FRONTEND DEVELOPER

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### PROFILE

A motivated Frontend Developer with a solid background in Computer & Systems Engineering. Skilled in building responsive web interfaces and applying basic UI/UX principles in real projects. Experienced in collaborative teamwork, problem-solving, and contributing to software development using modern web technologies. Familiar with Agile/Scrum practices and iterative development. Passionate about learning new technologies, exploring cloud fundamentals, automation concepts, and expanding skills toward full-stack development.

### EDUCATION

#### Bachelor's Degree in Computer & Systems Engineering

Zagazig University (Aug 2020 - Aug 2025)

**Relevant Coursework :** Software Engineering, Data Structures & Algorithms, Database Systems, Computer Networks, Operating Systems, System Analysis & Design, Embedded Systems, Project Management

### VOLUNTEER EXPERIENCE

- Member of Academic committee at ZigZag Club. (2021-2023)
- Member of IEEE-WIE-ZSB. (2022-2023)
- Member of IEEE-CS-ZSB. (2022-2023)
- Chair Woman of IEE-WIE-ZSB. (2023-2024)

### TECHNICAL SKILLS

- **Programming Languages :** JavaScript, Python, C, C++, Java, SQL, HTML5, CSS3 .
- **Frontend Technologies :** Bootstrap, Tailwind CSS, React, Responsive Design, UI/UX Principles, Accessibility Standards, API Integration .
- **Tools & Technologies :** Git, GitHub, VS Code, Chrome DevTools, Figma (Basic UI/UX) .
- **Software Engineering & Methodologies :** Agile/Scrum, SDLC, Version Control, Testing & Debugging, Problem-Solving, Code Optimization .
- **Additional Technical Knowledge :** Database Design (SQL), Data Structures & Algorithms, Cloud Fundamentals, Automation Concepts, AI & Machine Learning Basics .

### SOFT SKILLS

- Strong Communication & Presentation Skills
- Problem-Solving & Critical Thinking
- Teamwork & Cross-Functional Collaboration
- Time Management & Multitasking
- Adaptability & Fast Learning
- Attention to Detail
- Creativity & User-Centric Mindset
- Leadership Potential & Ownership

### INTERNSHIPS

#### Training at Ministry of Civil Aviation – National Air Navigation Services Company (August 2023) :

Data Processing and Display Systems, Reliability Engineering, Parallel Design, and Network Concepts.

## PROJECTS

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### Fokir – Portfolio Website (HTML, CSS)

- Designed and developed a fully responsive portfolio website with a modern UI.
- Implemented smooth scrolling and optimized layout for enhanced user experience.
- [Live Demo](#) | [GitHub Repo](#)

### Daniels – Creative Agency Landing Page (HTML, CSS, Bootstrap)

- Built a responsive landing page using Bootstrap to ensure cross-device compatibility.
- Integrated interactive elements and animations for an engaging user experience.
- [Live Demo](#) | [GitHub Repo](#)

### Yummy – Restaurant Website (HTML, CSS, JavaScript, API)

- Developed a feature-rich restaurant website with JavaScript for interactive content and API integration.
- Implemented smooth animations, a menu filter system, and real-time API data fetching.
- [Live Demo](#) | [GitHub Repo](#)

## GRADUATION PROJECT

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### NextGen Edu – Educational Management System (Website , Flutter Application)

- **Project Overview** : A full academic management system designed to streamline university operations by connecting Admins, Teachers, and Students through a unified digital platform. The system enables efficient course management, student tracking, grade submission, and real-time communication between all parties. The project was developed collaboratively across five technical tracks to deliver a fully integrated end-to-end solution.
- **Problem Solved** : Eliminates manual paperwork and fragmented systems by providing a centralized, automated academic management platform that manages the entire educational process—from student enrollment and attendance to building access—and replaces the need for multiple external communication, data storage, and examination tools by integrating all these services into a single unified system.
- **Technologies Used** : HTML, CSS, JavaScript, React (Frontend) – Node.js / .NET (Backend) – Flutter Mobile App – SQL Database – Embedded RFID Attendance Module – Cyber Security Hardening & Access Control – Git/GitHub & Agile methodologies.
- **My Role** :
  - Developed and maintained key frontend features across Student, Teacher, and Admin sections, including News, Weekly Schedule, Course Materials, Assignments, and Profile pages.
  - Implemented dynamic content updates with filtering, error handling, and responsive design for seamless user experience on both desktop and mobile devices.
  - Built interactive forms and modals for creating, editing, and deleting academic data such as assignments and news posts, ensuring data validation and real-time feedback.
  - Collaborated with backend APIs to integrate data efficiently, supporting role-based views and smooth navigation for diverse user roles.

## ADDITIONAL INFORMATION

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### Awards :

NASA Space Apps Cairo 2024 – Local Winner & Global Nominee

### Certifications :

- Frontend Development Certificate – Route Academy

### Languages :

- Arabic : Native
- English : B1 (Intermediate)