

# Saeed Ramadan

Programming / Coding Instructor

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Egypt

Results-driven Programming Instructor and Computer Science graduate with a GPA of 3.1/4.0. Dedicated to empowering students of all ages by simplifying complex technical concepts. Demonstrated success in curriculum development and academic leadership through core roles in GDSC. Committed to delivering interactive, project-based learning that prepares the next generation for a successful digital future.

## Education

### Bachelor of Computers and Artificial Intelligence ,Computer Science department at Sohag University, Sohag

September 2020 - July 2024

Grade: 3.1 / 4.0 (Very Good)

Graduation Project: "HOPE" – A complete Social Service Platform. Grade: Excellent. Role & Leadership: Served as the Project Leader and Front-end developer of the project, right from conceptualization to implementation.

## Experience

### Online Programming Instructor, Freelance

October 2022 - Present

- Delivered remote, project-based sessions in Web Development and Scratch, mentoring students through real-time code debugging and technical guidance.

### Programming Instructor at AlphaProg, Remote

September 2024 - January 2025

- Conducted interactive online sessions for diverse ages, providing continuous technical support and feedback to ensure mastery of core concepts.

### Programming and Web Instructor at Code Spark, Sohag

January 2024 - June 2024

- Delivered comprehensive HTML, CSS, and JavaScript training through hands-on applications and practical web development projects.

## Skills

**Curriculum Development:** Designing structured learning paths for Web Development and Programming Logic.

**Technical Instruction:** Simplifying complex concepts for children (Pedagogy) and university students.

**Team Leadership:** Managing developer teams, task delegation, and project monitoring.

**Mentorship & Coaching:** Providing technical guidance, code reviews, and career advice for students.

**Public Speaking:** Delivering engaging workshops and presentations to large groups.

**Programming Languages:** JavaScript (ES6+), HTML5, CSS3, Basics of C++, Basics of Python.

**Frameworks & Libraries:** React.js, Redux Toolkit, Material-UI (MUI), Tailwind CSS, Bootstrap.

**Teaching Tools for Kids:** Scratch (Logic Building & Animation).

**Version Control & Tools:** Git & GitHub, Vite, npm/yarn.

**State Management & API:** Context API, Axios, RESTful APIs.

**Soft Skills:** Problem-Solving, Time Management, Creative Thinking, and Effective Communication.

## Volunteering

### Head of Academic Committee (Previously Vice Head & Web Section Leader) at SMART Family, Sohag

May 2022 - April 2024

- Managed the academic roadmap and curriculum design for 500+ students, while supervising a team of technical instructors.

### Core Team Member (Web Dept) at GDSC Sohag University, Sohag

November 2021 - March 2024

- Organized and facilitated technical workshops on web fundamentals to foster the developer community on campus.

# Participant at ECPC (Egyptian Collegiate Programming Contest), Alexandria

August 2022

- Competed in the national programming contest, applying advanced algorithms and logical thinking to solve complex problems.

## Projects

### HOPE "Graduation Project" • [Demo](#) | [Repo](#)

Technologies which I used in this project: React JS, React Vite, React-router-dom, Material-UI, context API, Axios, Chart.js.

– As the project leader and Front-End Developer for my graduation project, I led the development of a social service website with the following key features:

- User Authentication: Secure registration with email verification and password recovery.
- Home Page: Navbar, hero section, search bar, and categorized navigation for posts (accidents, missing persons, shelters, things).
- Post Management: Create, view, share, comment, edit, delete, hide, and pin posts.
- User Profiles: View and manage user data, posts, and real-time chat.
- Chatbot: Quick post creation, fast searches for lost persons, and user advice.
- Notifications: Alerts for new posts, comments, replies, messages, and updates.
- Admin Dashboard: Statistics, user management, and administrative controls.

The site leverages AI to improve the efficiency of finding missing persons and items.

### Fast react pizza system • [Demo](#) | [Repo](#)

Technologies which I used in this project: React JS, React Vite, React-router-dom, Redux JS / Toolkit, ESLint, Prettier plugin, Tailwind CSS.

- A menu with many types of pizza, you can make an order, you can delete the order, you can see how long it takes until your order is processed, you can make your order priority.

### Job website by pure JavaScript • [Repo](#)

Technologies which I used in this project: HTML, CSS, JavaScript, Bootstrap, Axios to fetch data, Alert toastify, Postman.

– Project features:

- Full Responsive website, authorization and authentication (login, register), can post a new job !!! only if you login else you cannot, can apply to the job by sending an email to the company using its email, select a job and view its details, in profile page, We display the jobs created by the logged in person, and this person can only delete the jobs he created, Fetch and display jobs in batches (pagination).

## Languages

**Arabic** - Native

**English** - Conversational