





# Omar Khaled

 Omar Khaled |  Omar Khaled |  omar.khaled22419@gmail.com |  +201100497561  
Giza, Egypt

## SUMMARY

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Front-end Developer skilled in HTML, CSS, JavaScript, Bootstrap, Tailwind, React.js, and jQuery. Strong background in competitive programming with C++, Python, and Java. Experienced in mentoring through ICPC AOU and iSchool. Passionate about building responsive UIs and contributing to innovative tech projects.

## WORK EXPERIENCE

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### Instructor, ISchool(Part-Time)

June 2024 - April 2025

- Delivered interactive programming lessons to students of various age groups.
- Guided hands-on projects that fostered creativity and problem-solving skills.
- Conducted both online and offline sessions in a supportive learning environment.

### Vice President, ICPC AOU COMMUNITY (Part-Time)

October 2023 – November 2024

- Led and organized competitive programming events.
- Coordinated with team members to prepare for national/international contests.
- Organized a special event attended by Engineer Tarek El-Abed.
- Hosted podcasts with top CP figures: Ahmed Mohamed Taha, Khaled Hedayah.

### Instructor, ICPC AOU COMMUNITY (Part-Time)

November 2023 – March 2024

- Trained students in algorithmic techniques and competitive programming topics.
- Developed resources for sessions covering data types, conditions, loops, arrays, strings, STL, and more.
- Mentored beginners and helped them progress in problem-solving using C++.

## PROJECTS

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### E-commerce

[Link to repo](#)

I developed a fully responsive e-commerce website focusing on front-end development using Next.js, TypeScript, and Tailwind CSS. I built the UI with Shadcn/UI and Flowbite to create a clean and modern design that works smoothly on all devices. I used Next.js App Router with both SSR and CSR to improve performance and SEO. For form validation, I integrated Zod, and I implemented secure user authentication with NextAuth.js. I handled data fetching using the Fetch API, making sure the front-end communicates efficiently with the back-end.

### Social-Media-App

[Link to repo](#)

[Link to Demo](#)

I developed a social media web application using React.js, focusing on building an engaging and responsive front-end experience. I used React Router DOM for dynamic navigation and Tailwind CSS with Flowbite React to design a clean, modern user interface. For forms, I implemented React Hook Form with Zod to ensure accurate validation and a smooth user experience. I integrated Axios and @tanstack/react-query for efficient API communication and data fetching, while React Hot Toast was used to provide real-time feedback and notifications.

# EDUCATION

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2020 - 2024    Bachelor of Information Technology    **Arab Open University**

# SKILLS

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Web Development	HTML, CSS, Tailwind, Bootstrap, React.js, Next.js, Sass, and jQuery
Programming Languages	C++, Java, Python, JavaScript and TypeScript
Programming Skills	Data Base Management System, Object Oriented Programming, Git
Github, Data-structures and Algorithms	
Some more Skills	Problem solving, Critical thinking, Communication, Team leadership

# ACHIEVEMENTS

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Qualified for the **Egyptian Collegiate Programming Contest** (ECPC) and successfully qualified at the university level to represent **Arab Open University** in the ECPC, one of the most prestigious competitive programming contests in Egypt. This achievement reflects strong problem solving skills, algorithmic thinking, and the ability to perform under pressure in a highly competitive environment.