

AHMED KASHKOUSH

Frontend Software Engineer

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🌐 [Portfolio](#)

Summary

Computer science student with knowledge of front-end development, algorithms, and data structures. Interested in developing user-friendly web applications with innovative design.

Education

Menofia University, Faculty of Computers & Information

Sep. 2021 – May 2025

Bachelor of Science in Computer Science

Menofia, Egypt

Relevant Coursework

- Data Structures
- Algorithms
- OOP
- Operating Systems
- Database
- Networking

Projects

Forkify recipe website 📄 | *HTML, Sass, JavaScript*

October 2023

- Developed a recipe app facilitating recipe search and addition for both users and chefs.
- Designed relationships between components using the **MVC** architecture.
- Implemented a search engine feature using Forkify API.
- Incorporated a bookmark feature using the Local Storage API.

Chess Game 📄 | *HTML, CSS, JavaScript*

February 2024

- Developed a chess game using JavaScript, replicating the functionality of chess.com.
- Designed project entities and relationships, documented using UML diagrams.
- Implemented each piece's movements and properties using OOP principles.
- Utilized MVC architecture and JavaScript modules for a structured and modular project design.

Worldwise 📄 | *React, CSS modules, Firebase*

May 2024

- Developed a Single Page Application for city tracking, utilizing a Leaflet.js Map for visual representation.
- Managed application routing seamlessly through **React Router Dom**.
- Implemented insertion, deletion, and retrieval functionalities for exercise locations via Firebase integration.
- Handled state management and side effects using React Hooks such as `useReducer`, `useState`, `useSearchParams`, `useEffect`, and custom hooks alongside the **context API**.

Snapgram 📄 | *React, Tailwind, Appwrite*

March 2023

- Developed a social media platform prototype enabling users to create, update, link, and save posts.
- Implemented robust application state management using **React Query**, ensuring efficient data fetching and synchronization.
- Integrated **shadcn/ui** for seamless form validation, enhancing user experience and data integrity.
- Engineered secure authentication functionalities for user login and signup using **Appwrite** backend services.
- Designed and implemented a versatile file uploader utilizing the **react-dropzone** package for profile and post image uploads.

Car Rental 📄 | *React, Tailwind*

July 2024

- Developed a fully responsive single-page application for use by car rental companies.
- Organized components for reusability.

Technical Skills

- **Languages:** HTML, CSS, JavaScript, React, SQL, Bash Scripting, C++, Java
- **Technologies/Frameworks:** React
- **Developer Tools and Platforms:** Git, GitHub, VS Code, JetBrains, Trello, Linux, Mocha & Chai
- **Skills:** Data Structures & Algorithms, Competitive Programming, OOP, Database, Operating Systems

Achievements

- Participated in ICPC ECPC qualifications 2022, 2023.
- Solved over 1000 complex algorithmic problems on various problem-solving sites.
- Completed more than 30 front-end challenges on UI challenge sites such as Frontend Mentors.