AHMED KASHKOUSH

Frontend Software Engineer

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Experience

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**.

Ask-Me ↗ | *C++*   **March 2023**
- Built an ask.fm clone for asking and replying to questions.
- Designed project entities and relations using UML diagrams.
- Implemented project classes using OOP.
- Implemented helper functions for reading and writing questions and users to a text file.

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.