

Youssef Bassiem

Junior Front-end developer

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🌐 Youssef-Bassiem | **in** Youssef-Bassiem

📍 Giza / Egypt

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Military status: exempted

Education

• Bachelor of Computer Science:

Sep 2020 –Jul 2024

- Faculty of Computer and Information Science (SC Department), Ain Shams University, Egypt
- Cumulative Grade: Very Good
- GPA 3.1

Projects

• Weather app:

[Demo](#)  [source](#)

- Utilized React Query for efficient data fetching and state management across the application, enhancing the user experience by managing server state, caching, and synchronization.
- Implemented robust form handling and validation using React Hook Form combined with Zod for schema validation.
- Integrated Firebase Authentication to manage user authentication processes, including sign-in functionalities with Google and GitHub.
- Leveraged React Router for navigation and routing in a single-page application (SPA) architecture, and deployed the application on Vercel.

• Customer-Transactions:

[Demo](#)  [source](#)

- Integrated interactive data visualizations using Recharts, enabling responsive and insightful representations of customer transactions over time.
- Introduced an efficient search functionality with regex validation to filter transactions by customer name or amount, enhancing data accessibility and user experience.
- Established a JSON server to serve API requests, providing endpoints for customers and transactions, and configured development and production environments to ensure consistent API routing using Vite and Vercel.
- Created responsive and user-friendly components with Tailwind CSS, including a custom tooltip for charts and a transactions table, providing a seamless and intuitive user interface.
- Optimized state and data fetching processes using React hooks, ensuring smooth loading experiences and accurate data representation for customers and transactions.

• To-do List:

[Demo](#)  [source](#)

- Integrated local storage to persist tasks across sessions, ensuring user data retention.
- Improved user experience with real-time task updates, allowing task completion, editing, and deletion.
- Designed an attractive user interface with custom CSS, ensuring accessibility across various devices.
- Utilized third-party icon libraries (react-icons) for intuitive and interactive task management features.

Technical Skills

Programming languages:

- JavaScript, TypeScript, C#, C++, C, ECMAScript 6, Java, Python

Conceptual Knowledge:

- Data structures, OOP, Solid, Algorithms

Frontend Technologies:

- React js, Shadcn, Tailwind, MUI, Zod, React Router, Redux, React Query, React Hook Form

Databases:

- PL/SQL, MySQL, OracleDatabase, Firebase

Tools:

- Git, GIMP, QT Designer, Figma, Blender

Others:

- UI/UX, Linux(Ubuntu), Docker, Kubernetes

Achievement & Awards

- Ranked Top 3 in Data structure contest in university out of +100 teams (2022).
- Ranked 5th place in UI/UX workshop contest in university workshop out of +25 teams (2022).
- **Courses:**
 - Web development challenger (Udacity).
 - UX Design Fundamentals (Mahara-Tech).
 - The Ultimate React Course (Udemy).
 - ITI summer training:
 - Mastered HTML, HTML5, CSS, CSS3, and Bootstrap, building a strong foundation for creating adaptive web interfaces.
 - Learned React basics, React Hooks, React Router, and Material-UI (MUI), enabling the development of responsive and interactive web applications with efficient state management and routing.
 - Applied acquired skills to build a movie platform showcasing box office movies, leveraging APIs with Axios to fetch and display real-time data.

Volunteer Experience

HR member (OSC - Open Source Community)

Mar 2020 – Jul 2024

Web instructor (OSC - Open Source Community)

Oct 2023 – Jul 2024

- **Full-Stack:**

 [source](#)

- Mentored a front-end team of 8 students.
- Created react.js branch from scratch to use it for teaching students react basics.
- Helped 2 teams of 5 students each specializing in backend and frontend to create a web-site for osc community.