Salam Aboul Hosn

LinkedIn | GitHub | Personal Portfolio

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EDUCATION

University of California San Diego   *GPA: 3.67*   Sep 2021 – Jun 2024
Bachelor in Mathematics-Computer Science
Coursework: Advanced Data Structures, Design and Analysis of Algorithms, Object Oriented Programming

EXPERIENCE

Software Engineer Intern   *MyMicrojourney*   Oct – Present

- Full stack developer building a B2B web app that facilitates SMB recruitment using **MERN** stack.
- Developed front-end using **React** to create a working prototype for potential investors.
- Built API endpoints using **Express** and stored user data in **MongoDB** database for optimal scalability.
- Transformed project requirements into wireframes using **Figma** resulting in an enhanced **UI/UX** design.

Software Engineer Intern   *Smart Twigs*   Apr – Aug 2023

- Front end developer using **React & TypeScript** to build a user-friendly platform for non-profits and individuals to increase awareness of current social issues.
- Created custom components increasing developer speed by **50%**.
- Built complex forms in order for users to create organization, programs, and projects.
- Used **Postman** and worked with **Rest APIs** to save form data and send it to the back end.

PROJECTS

Book Store (Full Stack)   *MongoDB, Express, React, Node*   Source Code

- Developed front-end with **React** and server with **Express** allowing users to create, read, update & delete books.
- Integrated **MongoDB** as the database and used **Mongoose** to define data models and a schema to store book information efficiently.
- Leveraged **Tailwind** for a responsive UI and **Axios** for data fetching with a Node back-end.

Blog API (Back-End)   *Express, Node*   Source Code

- Built a **Rest API** from scratch in order for developers to create a blog website using my API.
- Created API endpoints to perform **CRUD** operations by using **HTTP requests** such as get, post, patch, & delete.
- Used middleware such as body parser to intercept data from the request and store the blog info into an array.

Game Hub (Front-End, Website**)**   *React, TypeScript, Chakra UI*   Source Code

- Displayed game data from **RAWG Database API** by using HTTP get requests and **useEffect Hook**.
- **Responsive** website design that adapts to devices such as phones, tablets, computers, etc.
- Created search bar component, saved its data with useRef, and sent it to the back end to look for searched data.
- Deployed to production using Vercel to allow users to look for their favorite games.

To Do List (Front-End, Website**)**   *React*   Source Code

- Allows users to add and delete daily tasks by storing them into an array.
- Utilized **useState Hook** to update the state of the UI using onClick Events.

SKILLS

Programming	JavaScript, Java, Python, C, C++, TypeScript
Frameworks/Libraries	React, Express, Tailwind, Material UI
Web & Databases	MongoDB, HTML, CSS
Other	SQL, NoSQL, Git, Github, Jira, Postman, Agile methodologies, Figma, UI/UX