

Salam Aboul Hosn

[LinkedIn](#) | [GitHub](#) | [Personal Portfolio](#)

Location: Mission Viejo, California, U.S

Email: salamaboulhosn581@gmail.com

EDUCATION

University of California San Diego

GPA: 3.67

Sep 2021 – Jun 2024

Bachelor of Science in Mathematics-Computer Science

Coursework: Advanced Data Structures, Design and Analysis of Algorithms, Object Oriented Programming

EXPERIENCE

Software Engineer Intern

Smart Twigs Consultancy Group

April – August 2023

- Worked on the front-end development team 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.
- Made custom hooks for organized and modular code.
- 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.
- Incorporated **Data Structures** such as **Map** to add tasks and **Filter** to delete tasks from the array.
- Deployed to Vercel increasing my productivity by 20% .

SKILLS

Programming

| JavaScript, Java, Python, C, C++, TypeScript

Frameworks/Libraries

| React, Express, Tailwind

Web & Databases

| MongoDB, HTML, CSS

Other

| SQL, NoSQL, Git, Github, Jira, Material UI, Postman, Agile methodologies