Sehajpreet Kaur

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Portfolio: sehajbajaj-portfolio.vercel.app
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Education

Guru Tegh Bahadur Institute Of Technology, GGSIPU Sep. 2020 – July 2024
Bachelor of Technology in Computer Science; CGPA: 9.96 *New Delhi, Delhi*

Relevant Coursework

- Data Structures
- Object Oriented Programming
- Database Management Systems
- Java Programming
- Computer Architecture
- Discrete Mathematics
- Algorithm Design and Analysis
- Software Engineering

Experience

New Delhi Data Point Pvt. Ltd. Aug. 2021 - Sep. 2021
Front End Developer Intern

- Participated in the design, coding, testing, reporting, and debugging of web applications.
- Created and implemented components for the Sikh Review Organization website.
- Contributed to the development of a cohesive visual theme across the website.
- Resolved bugs and implemented performance improvements to enhance web functionality and speed.
- Attended workshops and training sessions to stay up-to-date with the latest front-end technologies and best practices.

Projects

College Buddy 🔗 | *React, Supabase, TailwindCSS, Javascript, HTML/CSS* October 2022

- College Buddy allows users to create their personal profile, where they can add and track their subjects, attendance and marks.
- It also includes a todo list feature, where users can create and manage their tasks and deadlines.
- The app is built using React and powered by Supabase, providing a fast and reliable platform for managing user data.
- Applied Tailwind CSS for styling, allowing for a modular and customizable design.

Phonebook 🔗 | *React, NodeJS, ExpressJS, MongoDB, Tailwind CSS* September 2022

- Implemented robust features for adding, editing, and deleting contacts, as well as an intuitive search function for quickly locating contacts.
- Utilized React.js for front-end development to craft a highly interactive and intuitive user interface.
- Incorporated Node.js for back-end functionality, enabling efficient data management and server-side logic.
- Employed MongoDB as the database technology, allowing for reliable storage and retrieval of application data.
- Applied Tailwind CSS for styling and design, resulting in a modern and cohesive visual aesthetic for the project.

Anime Culture 🔗 | *React, Redux, Python, Django, Axios, Bootstrap* May 2022

- Developed an Anime Recommendation Engine using the KNN algorithm for content-based recommendations during the Microsoft Engage 2022 Program.
- Conducted extensive data preprocessing and feature engineering to improve model performance.
- Employed a search function that leverages the Kitsu API to retrieve relevant information and present it to the user.
- Retrieved anime information using the Kitsu API, including ratings, episode count, episode length, and summaries.
- Utilized React.js for front-end development to craft a highly interactive and intuitive user interface.

Technical Skills

Languages: C++, C, Java, JavaScript, HTML/CSS, SQL

Technologies/Frameworks: React, Node.js, Express.js, Supabase

Developer Tools: VS Code, Git, WSL

Extracurricular

Microsoft Intern Engage Program April. 2022 - August 2022
Mentee

- Participated in nation-wide Intern Engage Program by Microsoft India (R & D) Pvt. Ltd.
- Got a chance to learn from the mentors at Microsoft under the mentorship program.
- Got selected for the Summer Internship 2023 at Microsoft.