Sagar Singh

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Education

Sikkim Manipal Institute of Technology   July 2019 – May 2023
B. Tech in Computer Science and Engineering (CGPA: **8.87**/10)

Work Experience

TMN-ROOMMATE [Link]   Mar 2022 – Present
- Working as a **Frontend Developer** Intern.
- Developing the **Attendance Management System** to track employee attendance.
- Tech Stack: **HTML, CSS, JS.**

Chegg India [Link]   Oct 2021 – Dec 2021
- Worked as a **Subject Matter Expert** in **Computer Science**.
- Shared my knowledge with students across the globe.
- Solved **150+** computer science questions of students from across the globe.

Projects

Realtime Pizza Website [Link]
- A real-time pizza website with **user authentication** to view menu, add items to cart, place order and **track order status in real-time**.
- Allows User to place order **using both COD and card-payment (using stripe)** method.
- Tech Stack: **NodeJS, EJS, Express, MongoDB, Ajax, Socket.IO, Tailwind CSS, Passport, Bcrypt.**
- Hosted in **AWS.**

Malicious URL detector using Artificial Intelligence [Link]
- A **Machine-Learning model** to **detect malicious URLs**.
- Achieved almost **90.02%** accuracy.
- **Used SVM, KNN, naive bayes algorithm.**

Coinbase Blockchain web-app [Link]
- A **blockchain** web app for **sending and receiving cryptocurrencies**.
- Tech Stack: **ReactJS, Next.JS, Sanity.IO, ThirdWeb, Metamask**.
- Hosted using **Vercel.**

Netflix web clone [Link]
- A **fully functional** clone of **Netflix web app** with **user authentication**.
- Users can also **subscribe to their desired monthly plan** (built using **Firebase's Stripe extension**).
- Tech Stack: **ReactJS, Redux, Firebase, TMDB API, Firebase's Stripe extension.**
- Hosted in **Firebase.**

Technical Skills

- **Frameworks and Libraries** – ReactJS, NextJS, NodeJS, Express
- **Coding Languages** - C++, JavaScript, Python, Java
- **Tools** - VSCode, Git, GitHub, Postman, Cyberduck, Xcode, Android Studio
- **Databases and Web Services** - MongoDB, MySQL, Firebase, AWS, Sanity.IO
- **Miscellaneous** – Linux, Bash Shell, Heroku, Vercel
- **Dependencies -** PassportJS, BCrypt, Socket.IO, Axios

Achievements

- **SMIT Hackathon winner 2020** [Link]
- Solved **60+** questions on **Leetcode** [Link]
- **4 stars in C++** on **HackerRank** [Link]
- **Elite Python certificate** holder by **NPTEL** [Link]