SONU KUMAR

KATIHAR, BIHAR

sonuflag159@gmail.com | +916201276791 | github.com/SonuSingh791 | linkedin.com/in/sonu-kumar-a955b4195/

Education

University of Engineering and Management Kolkata, India   **07/2019- 06/2023**
Bachelor of Technology in Computer Science and Technology| CGPA: **8.08**   *West Bengal, India*

Skills

Problem Solving : Data Structure | Algorithms

Languages: C/C++ | JavaScript | Java | SQL

Frontend : HTML | CSS | JavaScript | React.js | Redux | Bootstrap

Backend: NodeJs | ExpressJs | REST APIs

Databases: MongoDB (NoSQL) | MySql (relational databases)

Computer Science fundamentals : OOPS | RDBMS

Others: Git | Github

Work Experience

Pepcoding | internship   **12/2021 - 03/2022**
Web Developer Intern   *Noida Uttar Pradesh, India*
- Build reusable components using **React** and designed UI with **CSS.**
- Added searching and sorting functionality in the list of questions using **JavaScript.**
- Build **REST APIs** for Posts using **NodeJs**.

Projects

Social Media | MERN, REST APIs, Redux, JWT, CSS, Socket.io | *Link*   **09/2022 - 11/2022**
- It is a fully authenticated **full stack** social media web application with features like post **share**, **like**, **dislike**, **comment**, **chatting** etc.
- Implemented **CRUD** operations with help of **REST APIs** and used **bcrypt** library and **JWT** for authentication.
- Implemented chatting functionality in **real-time** with help of **socket.io.**

iMart | MERN, REST APIs, Redux, Firebase, JWT, CSS | *Link*   **05/2022 - 08/2022**
- Build fully authenticated **e-commerce** web application with searching and sorting functionality based on category and price.
- Integrated payment gateway using **stripe API** having role based functionality.
- Admin role has functionality like confirm order, **CRUD** products and implemented **admin dashboard** to see statistics.

iMovie | React, Bootstrap | *Link*   **10/2021 - 12/2021**
- It is a **React** based web application with searching and sorting functionality based on rating, popularity and genre of movies.
- It fetches the movie data from **TMDB API** and shows it to us and based on our choice we can add it to favorites and delete from them, these favorite data stored in our **Browser's LocalStorage**.

WhiteBoard | HTML, CSS, JavaScript, Express, CanvasApi, socket.io | *Link*   **03/2021 - 05/2021**
- This project can be used for various purposes like teaching and taking notes.
- In this project we can write and erase using **canvas api** in real-time with help of **socket.io** and we can insert images, undo, redo and download the written notes.

Achievements

- Solved more than **800 DSA** problems on **LeetCode** and **GeeksForGeeks** combined.
- Highest rating of **1687** at **CodeChef**, which ranks among the top sites for competitive programmers.
- Secured global rank of **81** among more than **21000** participants in Codechef's October Long Challenge 2021. | *Link*
- My rank is in the **top 10** in solving **DSA** problems on **GeeksForGeeks** in my University.
- Solved more than **1000 DSA** problems across coding platforms.
- Secured **2nd rank** among more than **1000** students in UCODE 4 competitive programming competition organized by CodeChef UEMK Chapter, University of Engineering and Management Kolkata. | *Link*

Profile Links

- LeetCode
- CodeChef
- GeeksForGeeks