

Rajat Singh

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Portfolio : [Rajat Singh](#)

GitHub: [Rajat Singh](#)

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EDUCATION

B Tech (IT)	2020-2024	Madan Mohan Malaviya University of Technology, Gorakhpur	8.0/10.0
Class XII (ISC)	2019	Heliger Borden Education Center Panki, Kanpur	85.0%
Class X (ICSE)	2017	Heliger Borden Education Center Panki, Kanpur	81.0%

INTERNSHIP/EXPERIENCE

iMochaWorks - Problem Setter in Intern | [Link](#) 08/2022-05/2023

- Created over **50 Data Structure and Algorithm** problems for Coding Rounds.
- Developed more than **10 JavaScript, Node.js, and MongoDB** problems for Coding Rounds.

Project Admin in GSSOC of Project Notebook | [Link](#)

- Manages **200+ Issues and Pull Request** on Github

PROJECT

NoteBook | Project Admin in [GSSOC](#) and [SWOC 3.0](#) | [Link](#) | [Live](#) | [Postman Link](#) 09/2022-01/2023

- Utilized BcryptJS for robust password hashing and encryption, further enhancing the security of user data.
- Effectively tested 12 API endPoints using Postman, ensuring the reliability and functionality of the RestAPI.
- Utilized a context-based approach to facilitate smooth data flow between components, enhancing the user interface and experience
- TechStack** : ReactJS , NodeJS , ExpressJS , BcryptJS , JWT , Postman , RestAPI

Virtual Stock Market Simulator (Backend) | [Link](#) | [Live](#) | [Postman Live](#) 02/2023-05/2023

- This web app is a simulation of the real stock market. It provides with an initial amount of \$100,000 to purchase stocks .
- Users can purchase 15+ shares in various companies and view their previous 5 years data.
- We provide a line chart of each stock's price for the last 3 years to enable users to conduct analysis.
- TechStack** : ReactJS , NodeJS , Express JS , Real Time API , Postman , RestAPI

Url-Shortner | [Link](#) | [Live](#) | 05/2023-06/2023

- Shorten long URLs into 7 to 8 character of word short, unique tokens.
- Click analytics: Track the number of times each short URL is accessed.

SKILLS

Technical: C/C++, Object Oriented Programming (OOPS), DSA in C++

Curriculum: Computer Networks, Operating Systems, Database Management System, Object Oriented Programming

Web Development –

- Frontend Development** – HTML3, CSS3, JavaScript (JS), jQuery, ReactJS, EJS
- Backend Development** – NodeJS, Express JS, API, Axios , npm, Postman, Rest API, Real Time API
- Other** – Authentication , Hashing , JWT, GitHub (Git) , onrender , CORS , MongoDB

ACHIEVEMENTS

- Contributed Testcases for **LeetCode DSA and SQL** problems: [Problem 127](#) , [Problem 1493](#) , [Problem 1587](#)
- Solved **1500+ Data Structure and Algorithms** problems on [LeetCode](#) , [Codechef](#) , [GFG](#) , [CSES](#)
- 118th** Rank (Global) in Codechef Starter 86 | **1034th** Rank (Global) in Codechef Starter 92
- 113th** Rank (Global) in CodeChef Starter 93 | **138th** Rank (Global) in Codechef Starter 94-[Profile link](#)
- 2000th** Rank in Biweekly Contest 101 in LeetCode
- Hacker Rank** – (C-5 Star, C++ - 5 Star)- [Hackerrank](#)
- Participated in **80+** Coding Contests held on different platforms.
- Participated and Contributed in Mercor Hackathon - [Contribution Link](#)