VAIBHAV SINGH

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Education

Siddaganga Institute of Technology	Karnataka, India
Bachelor of Engineering - Computer Science and Engineering; **CGPA: 9.08**	**Dec 2021 - June 2025**
Dayawati Modi Academy	Meerut, UP, India
Class 10: 94%, Class 12: 95%	**Class 10: 2018, Class 12: 2020**

Skills

Languages:	C++
CS Fundamentals:	Data Structure, Algorithms, OOPs, Operating Systems, DBMS
Databases:	SQL, MongoDB
Web Development:	NodeJS, HTML, CSS
FrameWorks:	ReactJS, ExpressJS
Tools:	VS Code, Git, GitHub
Soft Skills:	Communication, Logical Reasoning, Public Speaking, Teamwork

Achievements

- **Knight(1900+)** on Leetcode, among **the top 4% of global users** with **900+** problems solved.
- Solved **1500+ Data Structure and Algorithm** problems across various coding platforms.
- **3 star** coder(1700+) on Codechef, **Pupil**(1270) on Codeforces and **Brown** on Atcoder
- Secured **AIR 230** in Leetcode weekly 380 contest among **21k+ participants**.
- Secured **Global rank 224** in Codechef Starters 106 Div3 among **25k+ participants**.
- **Won First prize** at C-Nario event in IdEEEas 2k24, national level technical symposium organized by IEEE SIT.[Link]
- Given **over 100 contests** on various **competitive programming** platforms.
- Certificates in **CPP,DSA and Competitive programming** by Coding Ninjas and GeeksForGeeks. [Link][Link][Link]
- **Highest SGPA(9.9)** 2nd semester in Institute. [Link]

Projects

ChatApp ⬤

- Implemented a robust **MERN stack** combined with Socket.io and TailwindCSS for a **feature-rich chat application**, ensuring a smooth user experience with real-time messaging capabilities.
- Integrated **authentication and authorization using JWT for secure access control**, enabling users to authenticate and authorize their interactions within the application seamlessly.
- Leveraged **Socket.io** to enable bidirectional communication between the server and clients, facilitating **real-time updates** and ensuring users receive instantaneous messages and notifications.
- Tech Stack: **ReactJs, NodeJs, ExpressJS, MongoDB, Socket.io, Daisy UI, Tailwind CSS.**

NoteHub ⬤

- Developed a Note-taking Application using Node.js, Express, MongoDB, and Passport OAuth for streamlined **user authentication and authorization**.
- Implemented **CRUD operations** on notes to enable users to **create, read, update, and delete notes** seamlessly, enhancing user productivity and organization.
- Tech Stack: **NodeJs, ExpressJs, MongoDB, PassportJs, OAuth, Bootstrap.**

LetsTravel ⬤

- A Travel Advisor application with **interactive UI** where users can view hotels, restaurants, and key places in **any part of the world** and filter out the best places according to **ratings**.
- **Google Map API and Google Places API** to fetch the data according to the searched place.
- Tech Stack: **ReactJS, CSS, HTML, APIs, Material UI.**

Position of Responsibility

Team SARK

Technical Member

- Worked in a **team** to conduct various **coding** challenges and events at the Institute. [Link]
- Provided **mentorship and guidance** to juniors in the college.