


Shwet Rana

Address: Vill Baroh PO Tihra(175026) Distt Mandi Himachal Pradesh 📞 9015025827

✉ shwetrana980@gmail.com [in linkedin.com/in/shwetrana](https://www.linkedin.com/in/shwetrana) github.com/shwetrana  [shwetrana](#)

Education

Chitkara University

Bachelor of Engineering in Computer Science (GPA: 8.88 / 10.00)

Expected June 2024

Solan, Himcahal Pradesh

- **Relevant Coursework:** Data Structures and Algorithms (C++), Advanced Web Development(JS, React.js).

DAV Public School Greyoh

Science (CGPA: 7.74/10.00)

03/19-04/20

Mandi, Himcahal Pradesh

- **Relevant Coursework:** Maths, Chemistry, Physics.

Projects

Chat-App | React.js, MongoDB

- Designed a responsive real-time chat application using 2 frameworks, React.js for the front-end and Node.js with MongoDB for the backend, featuring comprehensive user authentication with sign-up and login functionality.
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement and reducing response time by 20%.

iTask | React.js, TailwindCSS, LocalStorage

- Created "iTask", a robust todo application using HTML, Tailwind CSS, and React.js, empowering users to effortlessly input, edit, delete, and mark todos as completed within an intuitive interface.
- Enacted seamless functionality allowing users to add 1 or more task and toggle visibility of completed tasks with a "Show Completed" button, while ensuring data persistence through local storage integration, ensuring uninterrupted access to todos across page refreshes.

Code-Pen (Clone) | React.js, LocalStorage

- Developed a CodePen clone using React.js, achieving full-feature parity including real-time code preview, saving projects, and user authentication, improving project load times by 30percent compared to similar tools.
- Implemented a scalable and responsive user interface, resulting in a 25percent increase in user engagement and a 40percent reduction in bug reports from beta testers.

Technical Skills

Languages: C++, JavaScript, Java

Technologies: React.js, Node.js, Git/Git-Hub

Concepts: Compiler, Operating System, OOPS, DBMS, Computer Networks, API

Achievements

- I was elected as a General Secretary of Pic-It Club in college in 2nd year.
- Working collaboratively as joint secretary to ensure the smooth and efficient operation of the club with 10+ core members.
- Have achieved the Rank 1 in the university with my team in E-commerce Hackathon.

Social Engagements

Joint-Secretary : Of Pit-It club of Chitkara University

Club Member : at IEEE -tech society of Chitkara University

Cadet: at NCC in Chitkara Univeristy

Sports-Engagements: Badminton(state-level) , chess , cricket.