


# Shwet Rana

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

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

## Education

### Chitkara University

Bachelor of Engineering in Computer Science (GPA: 8.97 / 10.00)

Sept 2020 - July 2024

Solan, Himcahal Pradesh

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

## Experience

### CipherByte Technologies

Web Development Intern

July 2024 - August 2024

- Completed two projects as part of a web development internship, demonstrating proficiency in front-end and back-end technologies.

## 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%.

### 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.

### Distance Calculator | *React.js, MapBoxAPI*

- Built a robust route planning application using React, capable of handling up to 10 waypoints for detailed travel routes.
- Implemented precise distance calculations with an accuracy of 98percent, leveraging React's state management for seamless user interaction.

## Technical Skills

**Languages:** C++, JavaScript, Java

**Technologies:** HTML, CSS, React.js, Node.js, MongoDB, Git/Git-Hub

**Concepts:** MySQL, 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.