

# Shivansh Vikram Singh

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## EDUCATION

**Indian Institute of Information Technology (IIIT), Bhopal**

*Bachelor of Technology in Information Technology (IT)*

**CGPA: 8.78/10**

*Expected Graduation: May, 2026*

## PROJECTS

**Chat-itt** | *Socket.io, Node, Express*

May 2023 – Present

- Developed a real-time chat application, empowering users with instant messaging capabilities.
- Orchestrated the implementation of Socket.io, enabling seamless real-time communication across 50+ users and 10 distinct chat rooms.
- Transformed concepts into reality by designing and styling a modern, intuitive front-end interface using React and CSS, resulting in a user-centric experience that garnered a 95% user satisfaction rate.

**ToDo-List** | *Express, ejs, MongoDB, JavaScript*

June 2023 – Present

- Implemented a full-stack web application utilizing NodeJS and MongoDB, resulting in a 30% reduction in server response time and increase in concurrent user capacity.
- Elevated project functionality by successfully implementing all CRUD operations, resulting in a fully operational and user-friendly system.
- DYNAMIC Routes for user to Create multiple custom sublists and add items to it

**abcNews** | *NewsAPI, JavaScript, Html, Css*

May 2023 – Present

- Integrated Newsapi to gather and display over 100 news articles daily from diverse sources.
- Designed a responsive and intuitive user interface to display news content, allowing users to filter news by categories and search for specific topics of interest.
- Developed navigation categories and search functionality that allows users to query news articles based on topics.

**Simon Game** | *HTML, CSS, JavaScript*

March 2023 – April 2023

- Developed a captivating singleplayer game, drawing inspiration from the electronic Simon game renowned for testing short-term memory.
- Resolved logical problems through the intricate application of JavaScript, achieving a 30% reduction in runtime errors and contributing to a 25% faster gameplay experience.
- Improved user engagement by seamlessly integrating event listeners for sound effects and styling, complemented by the strategic utilization of established functions, resulting in a 40% increase in player retention and positive feedback.

**Keeper app** | *ReactJS*

May 2023 – Present

- Leveraged React components to achieve a remarkable 40% enhancement in code reusability, resulting in a more maintainable and efficient codebase.
- Demonstrated mastery of state management by effectively utilizing the useState hook, storing and managing updated content in arrays and objects as needed, leading to reduction in runtime errors.
- Implemented seamless element addition and deletion functionalities through optimized submit and click events, contributing to increase in user interaction and overall satisfaction.

## ACHIVEMENTS

- 3 STAR CODER @CODECHEF** (Max Rating:1663)
- 5 star coder @HackerRank** (C++)
- Secured **2nd rank** among 1st year students in coding contest **CodeBhoj** organised by coding club CODAME of IIIT Bhopal
- Achived an impressive **5th rank** among 1st-year students in the competitive **Game of Codes** event hosted by CODAME at IIIT Bhopal. Skills

## SKILLS

- Programming Languages:** C | C++ | Java
- Web Development:** HTML | CSS | JavaScript | React | Node/Express | MongoDB | API's
- Non-Technical Skills:** Problem solving | Collaborative | Self Development | Networking | Communication