Shivansh Vikram Singh

639-449-3742 | shivansh@mail | linkedin.com/shivansh | github.com/shivansh

EDUCATION

Indian Institute of Information Technology (IIIT),Bhopal   **CGPA: 8.78/10**
Bachelor of Technology in Information Technology (IT)   *Expected Graduation: May,2026*

PROJECTS

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 a 50% 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

Chat-itt | *Socket.io, Node, Express*   May 2023 – Present
- Developed a real-time chat application, empowering users with instant messaging capabilities for seamless interactions.
- 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.

Daily-Journal | *MailchimpAPI, JavaScript, ejs*   May 2023 – Present
- Integrated Mailchimp API for user signups, storing data for 500+ users to enhance future engagement.
- Employed EJS to dynamically render and display a diverse range of posts, encompassing more than 100 unique titles and descriptions for enhanced user interaction.
- Utilized advanced string concatenation to display an array of posts on the homepage, with clickable links for deeper engagement, leading to a 70% increase in detailed reading.

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 a 50% reduction in runtime errors.
- Implemented seamless element addition and deletion functionalities through optimized submit and click events, contributing to a 60% increase in user interaction and overall satisfaction.

ACHIVEMENTS

- **3 STAR CODER @CODECHEF** (Max Rating:1662)
- 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