Shivansh Vikram Singh

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EDUCATION

Indian Institute of Information Technology, Bhopal   *November 2022–May 2026*
Bachelor of Technology – Information Technology (IT)   **CGPA 8.78**
Relevant Coursework: **Data Structure & Algorithms**, **Object Oriented Programming**

PROFESSIONAL EXPERIENCE

Google Developer Student Club, IIIT Bhopal |Assistant Web Developer   August 2023 – Present
- As an Assistant **Web Developer** for the past 6 months, drove active engagement within the tech community.
- Contributed to the GDSC IIIT Bhopal's **official website**, enriching its UI to foster community collaboration and engagement among 600+ participants.

ACADEMIC PROJECTS

MyKeeper |MongoDB, Express, React, Node.js, *Redux, Bootstrap*   **DEMO | GITHUB**
- Implemented a **user authentication system** using JSON Web Tokens (JWTs) **increasing data security** to more than 90%.
- Enacted **CRUD operation** with engaging UI across 4 distinct routes, each showcasing unique design.
- Integrated **MongoDB** and enacted **server-side logic using Node.js and Express** to handle client requests and manage the communication with the database.

Portfolio | *HTML, CSS, React, Redux, Bootstrap*   **DEMO | GITHUB**
- Crafted a portfolio website with a visually **appealing and interactive UI**, showcasing achievements and skills.
- Furnished a **4-route navigation** system (Home, About, Resume, and Projects) for an intuitive and efficient user experience, enhancing accessibility and engagement.
- Developed a responsive website with **React components**, providing a seamless and immersive exploration of my background and over 10 top projects.

Chatify - chat app |MongoDB, Express, React, Node.js, *Socket.io, Redux, Bootstrap*   **DEMO | GITHUB**
- Developed a **real-time** chat application with **instant messaging capabilities**, reducing latency to less than 0.1sec.
- Orchestrated the implementation of **Socket.io,** enabling seamless real-time communication across 50+ users and 10 distinct chat rooms.

AbcNews | *ReactJS, JSON, JavaScript,* Express, Node.js, *Bootstrap, Material UI, HTML, CSS*   **DEMO | GITHUB**
- Dispensed a **3rd-party news platform** to tenants providing **over 100 news articles daily from diverse sources.**
- Designed a responsive and intuitive user interface to display news content, allowing users to filter **among 4 trending categories and search** for specific topics.
- Constructed navigation categories and implemented **search functionality**, empowering users to efficiently query news articles based on diverse topics.

ACHIEVEMENTS & CERTIFICATES

- Ranked **2nd** in Intra College Contest **CodeBhoj** hosted by CODAME, Coding Club of IIIT Bhopal.
- Overcame 150+ **D**ata **S**tructures and **A**lgorithms Problems on Leetcode sharpening analytical and coding prowess.
- Attained **5th** **Position** among 500+ participants in Intra College Coding Contest **Game of Codes**.
- Attained a **top 3.2% ranking (3 stars)** on **CodeChef**, with 1663 rating and **global** ranking approx **500** in a couple of contests, **Starters 82**, **2023 and February Cook-Off 2023**.

ACTIVITIES AND LEADERSHIP

Team member – GDSC, IIIT Bhopal   *August 2023 – Present*
- Facilitated **interactive guidance sessions** and personalized office hours to enhance juniors' understanding of tech stacks, with a specific focus on web development.
- Designed and executed a tailored **WebDev Week** for over 300 juniors, providing foundational training and **hands-on project** experience.

NIIMACK – Techno-Cultural Fest, IIIT Bhopal   *October 2023*
- Volunteered for the successful execution of our college fest, NIIMACK, contributing to event coordination, attendee engagement, and ensuring a vibrant and memorable experience for all participants.

ADDITIONAL INFORMATION

- **Technical Skills**: C, C++, Python, Java, JavaScript, MATLAB, HTML, CSS, SCSS, MYSQL
- **Technologies**: React JS, Node JS, Express JS, Bootstrap, Material UI, MongoDB, Redux, Socket.io
- **Developer Tools**: Github, Git, Netlify, Heroku, VSCode, JSON, MS Office Suite
- **Soft Skills:** Leadership, Team Management, Creativity