

SURYANSH RUHAL

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EDUCATION

Bachelor of Technology in Computer Science And Engineering

Bundelkhand Institute of Engineering and Technology	12/2021- Present	8.1
Higher Secondary Education , Kendriya Vidyalaya Bulandshahr	04/2019–06/2020	93.8
Secondary Education , Kendriya Vidyalaya Bulandshahr	04/2017 –05/2018	94.6

SKILLS

Technical Skills Java, DataStructure, front-end Web-Development, HTML, CSS Javascript, express, mongoDB, Node.JS, React.js.

Soft Skills Assiduous, leadership, Strategic thinking, Outcome-Oriented, Teamwork, Protean, Statistical Analysis.

PROJECTS

Summon: A Video Chat application

[\(Link\)](#)

- Engineered a highly robust and efficient video chat application utilizing Node.js, Socket.IO, and WebRTC, successfully supporting over 200 concurrent users while maintaining exceptionally low latency.
- Developed robust room management for 50 concurrent streaming sessions, enabling multiple interactions at once.
- Achieved 99.9% uptime and exceptional user experience by optimizing performance and scalability.
- Ensured high-quality video and audio streaming, facilitating real-time communication elevating user engagement by 10%.

Avadhya Vichinta: An online MERN app to keep all your notes:

[\(Try here\)](#)

- Developed a full stack notes app to create, delete, and store notes using MongoDB, Express, React, and Node.js.
- Implemented JWT for user authentication and data security, ensuring secure access and integrity used by 200+ users.
- Launched the app with over 200 users, successfully establishing it as a trusted tool for managing important data.

The Wisdom Abode: An online bookstore website

[\(Link\)](#)

- Built an e-commerce bookstore website using HTML, CSS, and JavaScript, providing a user-friendly interface.
- Forged features including product listings, search functionality, and shopping cart to enhance user experience by 25%.
- Won 1st prize in the "Web Wizard" competition, which included active participation from over 2,000 candidates.

Detection of Infection Using BFS

- Develop a project to monitor the spread of virus infections over time using the Breadth-First Search algorithm.

POSITION OF RESPONSIBILITY

(Executive Member) Computer Science Student's Council , Literary Sub-Council

02/2023- Present

- Secured 400+ participation in an event organised under the council.
- Spearheaded the team and organise Event Concetto 2 times demonstrating leadership and event management expertise.
- Flourished in soft skills and design skills, which enhanced my communication and design abilities by 30%.

EXTRA-CURRICULAR ACTIVITIES

- Received a prestigious award from the HRD Minister at the National Integration Camp 2018 for exceptional contributions.
- Achieved recognition as the Top Youth Prime Minister at Zonal Level Youth Parliament 2019; selected for outstanding leadership, public speaking, and policy-making skills that inspired peers and audience alike.
- Earned the runner-up spot in National Children Science Congress at regional level in 2018.
- 1st position at Regional Level KVS National Integration Camp 2018.
- Attained the 2nd rank in a highly competitive hackathon organized at BIET, Jhansi, showcasing technical prowess.

INTERESTS

Reading Novels, Playing Table Tennis, Writing Poetry, Watching Anime.