

Ravi Raj

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🐙 [Github](#) / [in LinkedIn](#) | [Portfolio](#)



About Me

I am a Computer Science student with a passion for web development and problem-solving. Skilled in the MERN stack, I have built real-time applications and enjoy creating innovative solutions. I am eager to contribute to impactful projects while continuously learning new technologies.

Education

B-Tech in Computer Science & Business Systems, Narula Institute of Technology: CGPA: 8.8

West Point Academy: Higher Secondary Board: CISCE (2021) Percentage: 81.16%

West Point Academy: Secondary Board: ICSE (2019) Percentage: 85.66%

Skills

- Programming Languages: Java (Intermediate), C/C++ (basic)
- Query Language: SQL
- Web Technology: HTML, CSS, JavaScript(basic), MERN
- Tools: GITHUB
- Others: DSA, OOPS.
- Operating System: WINDOWS

Projects

- **Automate Image Captioning System** (2025): Developed an Automated Image Captioning System using the BLIP model, integrating computer vision and NLP to generate accurate one-line captions from images in real time. Implemented webcam-based image capture, caption generation, and automatic text file storage, enabling applications for accessibility, surveillance, and smart environments.
(Links: [Source Code](#))
- **Snappy-ChatApp** (2024): A real-time chat application built using MERN. MongoDB for the backend database, Socket.io for retrieval of the data from the database in real time using custom API, cloudinary is used for files or attachments storage, styled with Material UI for a sleek interface.
(Links: [server](#) | [client](#) | [Live Demo](#))
- **SkyCast-Weather App** (2024): A real time weather-application for fetching weather reports and the next 7-days forecast on locations, GeoDB rapid API for coordinates fetching and OpenWeather API for weather data retrieval.
(Links: [Source Code](#) | [Live Demo](#))

Internships / Accomplishments

- **Quizzy** ([Link](#))- Frontend Intern (April 2023 - July 2023):
Job Involved writing codes on a daily basis for the frontend development of the websites, designing styled components and making it responsive which helped in achieving an attractive interface.
- **Full Stack Development** ([Link](#)): Completed a full in depth full Stack web Development training from Internshala.
- **Smart India Hackathon** ([Link](#)): Qualified in the internal round in Smart India Hackathon held on 26th September, 2023.
- **Competitive Programming**: Regular participations on coding contest, 500+ solved questions on online-platforms.

Hobbies

- Guitar: Playing Guitar for past 2 years
- Chess: Regular participations in ongoing tournaments
- Singing.

Language Proficiency

English, Hindi, Bengali.

Declaration

I do hereby declare the truth and authenticity of all the information provided in my resume.