




# AVIRAL KUMAR

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## Education

<b>ABES Institute of Technology, Ghaziabad</b> <i>B.Tech in Computer Science &amp; Engineering</i>	<b>2021 - 2025</b>
<b>Saraswati Vidya Mandir Inter College, Gola Gokarnnath, Kheri</b> <i>12<sup>th</sup></i>	<b>2021</b>
<b>Saraswati Vidya Mandir Inter College, Gola Gokarnnath, Kheri</b> <i>10<sup>th</sup></i>	<b>2019</b>

## Technical Skills

**Languages:** Python, Java, JavaScript  
**Frontend:** React, TailwindCSS, HTML, CSS, Bootstrap  
**Backend:** Node.js, Express.js  
**Clouds & Databases:** MySQL, MongoDB  
**Web Technologies:** Docker, Socket.IO  
**Developer Tools:** Postman, VS Code, GitHub, Git

## Projects

<b>Wanderlust</b> <ul style="list-style-type: none"><li>Developed a full-stack <b>CRUD web application</b> for managing travel listings and user reviews.</li><li>Implemented a full-stack application where users can <b>Create, Read, Update, and Delete</b> listing and reviews.</li><li>Utilized <b>Node.js, Express.js, MongoDB, and EJS</b> to build dynamic, server-rendered pages.</li><li>Implemented <b>RESTful APIs</b> with modular routing and MVC architecture for scalability.</li><li>Deployed on a cloud platform with Git-based version control and environment configuration.</li></ul>	<b><u>Live</u></b>
<b>Weather Application</b> <ul style="list-style-type: none"><li>Created a responsive weather application using <b>HTML, CSS, and JavaScript</b>.</li><li>Fetches real-time data from the API based on dynamic user input.</li><li>Displayed temperature, humidity, wind speed, and weather conditions with clean UI.</li><li>Handled API errors and edge cases to improve reliability and user experience.</li><li>Focused on client-side performance, accessibility, and mobile responsiveness.</li></ul>	<b><u>Live</u></b>
<b>Apna Video Conference</b> <ul style="list-style-type: none"><li>Built a real-time video conferencing platform using the <b>MERN stack</b> and <b>Socket.IO</b>.</li><li>Integrated <b>WebRTC</b> for peer-to-peer video and audio streaming.</li><li>Developed frontend using <b>React.js</b> and backend with <b>Node.js, Express.js, and MongoDB</b>.</li><li>Implemented room-based calls, join/leave alerts, mute/unmute, and chat functionality.</li><li>Deployed on cloud infrastructure with HTTPS support and real-time signaling.</li></ul>	<b><u>Live</u></b>

## Algorithmic Competitions & Achievements

- Completed comprehensive **DSA** and **Full Stack Development** courses from **Apna College**, covering algorithms, data structures, backend, and frontend technologies.
- Completed **Front-End Developer** course from **Coding Ninjas**, focusing on HTML, CSS, JavaScript, React, and responsive design.
- Introduced to **Java programming** through the **Coding Ninjas** course with foundational concepts and practical exercises.

## Hobbies & Interests

- Kabaddi:** Passionate about playing kabaddi; enjoy the physical intensity and team coordination involved in the sport.
- Traveling:** Enthusiastic traveler who loves exploring new places, cultures, and cuisines.