

# VANSH BANDWAL

 Udaipur, Rajasthan  
 +91 8955874931  
 bandwalvansh@gmail.com  
 <https://www.linkedin.com/in/vansh-bandwal-28705b373/>  
 <https://github.com/vanshbandwal>



## SUMMARY

MERN Stack Developer skilled in building responsive, user-friendly web applications. Experienced with React, Node.js, Express.js, and MongoDB. Developed multiple e-commerce and service-based projects with features like JWT authentication, admin panels, smooth UI components, and secure API integration. Focused on clean code, performance, and delivering seamless user experiences.

## SKILLS

Programming Languages : JavaScript , C , C++

Frontend Technologies : HTML , CSS , Bootstrap , Tailwind CSS , React.js , TypeScript

Backend Technologies: Node.js , Express.js , MongoDB, MySQL, REST API, NESTJS.

Others Technologies: Socket.io , Web RTC , Redux Toolkit , Zustand

## PROJECTS

### Chat-Application

- Developed a real-time chat application using the MERN stack with secure JWT authentication.
- Implemented one-to-one messaging and instant updates using Socket.io, similar to WhatsApp.
- Integrated WebRTC-based video calling, enabling smooth peer-to-peer communication.

### Canvas

- Built a collaborative canvas application where multiple users can draw and paint together in real time.
- Implemented secure access using JWT authentication and synchronized updates using Socket.io.
- Enabled smooth multi-user interaction with shared drawing, painting, and live updates on the same canvas.

### Vehicle Parking Management

- Developed a Vehicle Parking Management System that assigns parking spots and tracks vehicle entry/exit time.
- Enabled efficient record handling by fetching real-time and past parking details using the vehicle number.
- Built a smooth interface to manage parking status, history, and quick vehicle lookup for administrators.

## EDUCATION

St. Anthony's Senior Secondary School  
10th C.B.S.E

Udaipur, Rajasthan  
2019-2020 , 56.60%

St. Anthony's Senior Secondary School  
12th (Com) C.B.S.E.

Udaipur , Rajasthan  
2021-2022 , 71.8%

Mohanlal Sukhadia University  
Bachelors in Computer Application.

Udaipur, Rajasthan  
2022-2025 , 7.07 C.G.P.A