

# DEV RATHI

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## EDUCATION

**VIT Bhopal University, Sehore, Madhya Pradesh**  
*B.Tech in Computer Science and Engineering*

CGPA: 9.0/10  
2022-2026

## TECHNICAL SKILLS

**Programming Languages:** C++, Python, JavaScript, SQL | **Web Development:** ReactJS, Django, Flask, Node.js |  
**Tools & Platforms:** Git, Jupyter, Figma, PowerBI | **Cloud & Databases:** MongoDB | **Specializations:** Web Development and Design , UI/UX| **Concepts:** OOP, Data Structures & Algorithms

## PROJECTS

<b>Kisan Sathi - AI Agricultural Platform</b>	React.js, JavaScript, UI/UX
<ul style="list-style-type: none"><li>Built a responsive web interface for an AI agricultural platform providing farmers with crop recommendations, fertilizer suggestions, and real-time weather forecasting.</li><li>Developed a dynamic news portal section delivering timely updates on agriculture, government schemes, and market trends.</li><li>Conducted interviews with farmers across multiple states to identify key pain points and inform platform development with real user insights.</li></ul>	
<b>Phishing URL Prediction Website</b>	Flask, Python, HTML/CSS
<ul style="list-style-type: none"><li>Developed a web-based phishing detection system using machine learning algorithms to classify and identify malicious URLs, helping users avoid potential security threats.</li><li>Built the frontend interface and Flask backend architecture to seamlessly integrate ML models with user-friendly URL input and real-time threat assessment display.</li></ul>	
<b>E-Commerce Bookstore Platform</b>	MERN Stack, Firebase, Tailwind CSS
<ul style="list-style-type: none"><li>Orchestrated full-stack e-commerce platform with advanced search, efficient cart management, and secure payment integration.</li><li>Implemented Firebase OAuth and JWT authentication with Google sign-in for enhanced user security.</li><li>Assembled comprehensive admin dashboard with sales analytics, inventory management, and user administration.</li></ul>	
<b>Tinkle - Video Chat Application</b>	MERN Stack, Socket.io, WebRTC
<ul style="list-style-type: none"><li>Built a real-time video chat application with features for video calls, messaging, and room management.</li><li>Integrated WebRTC for peer-to-peer video communication and Socket.io for real-time messaging.</li><li>Developed user authentication system with secure login and responsive UI for seamless video conferencing.</li></ul>	

## EXTRACURRICULAR ACTIVITIES

- Director of PR, MUN Club** - Organized MUN conferences, boosted club visibility through social media and ground campaigns, and coordinated multiple club events.
- Secured sponsorships for MUN'24 and major events including Rajneeti Rangmarch**
- Zonal Champion in 1600m relay and runner-up in 200m race**

## CERTIFICATIONS & ACHIEVEMENTS

- Google UX Design Professional Certificate** - Google
- Postman API Fundamentals Student Expert** - Postman

## ADDITIONAL INFORMATION

**Languages Known:** English (Fluent), Hindi (Native)

**Hobbies & Interests:** Swimming, sports and athletics, traveling, Social media