

# 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

### Kisan Sathi - AI Agricultural Platform

React.js, JavaScript, UI/UX

- Built a responsive web interface for an AI agricultural platform providing farmers with crop recommendations, fertilizer suggestions, and real-time weather forecasting.
- Developed a dynamic news portal section delivering timely updates on agriculture, government schemes, and market trends.
- Conducted interviews with farmers across multiple states to identify key pain points and inform platform development with real user insights.

### Phishing URL Prediction Website

Flask, Python, HTML/CSS

- Developed a web-based phishing detection system using machine learning algorithms to classify and identify malicious URLs, helping users avoid potential security threats.
- Built the frontend interface and Flask backend architecture to seamlessly integrate ML models with user-friendly URL input and real-time threat assessment display.

### E-Commerce Bookstore Platform

MERN Stack, Firebase, Tailwind CSS

- Orchestrated full-stack e-commerce platform with advanced search, efficient cart management, and secure payment integration.
- Implemented Firebase OAuth and JWT authentication with Google sign-in for enhanced user security.
- Assembled comprehensive admin dashboard with sales analytics, inventory management, and user administration.

### Tinkle - Video Chat Application

MERN Stack, Socket.io, WebRTC

- Built a real-time video chat application with features for video calls, messaging, and room management.
- Integrated WebRTC for peer-to-peer video communication and Socket.io for real-time messaging.
- Developed user authentication system with secure login and responsive UI for seamless video conferencing.

## 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 Rangmanch**
- **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