

Dev Rathi

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TECHNICAL SKILLS

Languages: C, C++, Python, Java, JavaScript, HTML/CSS

Libraries: C++ STL, Python Libraries

Frameworks: ReactJS

Tools: Node.js, Postman, Git, GitHub, PowerBI

Cloud/Databases: MongoDB, PostgreSQL

Areas of Interest: Web Development, UI/UX

EDUCATION

VIT Bhopal University

B.Tech. in Computer Science Engineering

Bhopal, MP

Oct 2022 – May 2026

- **CGPA:** 8.97

PROJECTS

Online 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.

Kisan Sathi Website

JavaScript, React.js, UI/UX

- Conceptualized and designed an intuitive web interface for an AI-powered agricultural platform, focusing on user experience for farmers accessing crop and fertilizer recommendations based on soil and climate analytics.
- Built responsive frontend architecture integrating real-time weather forecasting to help farmers with irrigation scheduling and crop planning.
- Developed a dynamic news portal section delivering timely updates on agriculture, government schemes, and market trends.

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.

Online Bookstore Web Application

MERN Stack, Firebase, Tailwind CSS

- Built a dynamic online bookstore with features for browsing, cart management, and order placement.
- Integrated Firebase authentication with Email/Password and Google OAuth for secure user login.
- Developed an admin panel for inventory management, sales analytics, and CRUD operations.

CERTIFICATIONS

Google - The Bits and Bytes of Computer Networking

Google UX Design Professional Certificate

LEADERSHIP

Director of Public Relation, MUN Club, VIT Bhopal

Colead - PR and Outreach Team, MUN Club, VIT Bhopal