

Yogendra Singh Rathod

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Education

Vellore Institute of Technology, Bhopal

Bachelor of Technology, Computer Science and Engineering

Sep 2022 – Present

CGPA: 8.67

Saint John's School, Rajasthan

12th CBSE Board

Apr 2021

73%

Saint John's School, Rajasthan

10th CBSE Board

Apr 2019

80%

Technical Skills

Full-stack developer skilled in Java and JavaScript, with frontend experience in React.js and responsive design using HTML5/CSS3. Backend proficiency includes Node.js with Express.js and FastAPI frameworks, along with database management in MongoDB and SQL. Experienced with Docker for deployment and Git/GitHub for version control.

Projects

EduMa - Online Learning Platform

Apr 2025 - June 2025

React.js, Node.js, Express.js, MongoDB, Cloudinary, ShadCN, Tailwind CSS, Redux, Razorpay, Firebase

GitHub Repository Live Application

- Developed a full-stack **Learning Management System (LMS)**, EduMa, enabling instructors to publish and sell courses while providing students with secure access and an intuitive learning experience.
- Engineered a robust and responsive user interface using **React.js, Tailwind CSS, and ShadCN**, featuring both light and dark modes, ensuring optimal viewing across diverse devices (mobile, medium, and large screens).
- Implemented secure user management with both **Firebase Authentication** and a custom authentication system leveraging **JWT for session management**, ensuring protected routes and preventing unauthorized access to course content and features.
- Integrated **Cloudinary** for efficient media handling of lecture videos and profile images, and incorporated **Razorpay** for seamless payment processing, enhancing the platform's functionality and user experience.

VideoCon - Video Chat Application

Dec 2024 - Feb 2025

React.js, Node.js, WebRTC, Socket.IO, Express.js, MongoDB

github.com/Yogendrasinghrathod/VideoCon

- Developed a functional video chat application with one-to-one calling capabilities using WebRTC for real-time communication
- Implemented user authentication and friend request system to manage connections between registered users
- Created a responsive interface with React.js that adapts to different screen sizes and devices
- Integrated Socket.IO for real-time signaling and chat functionality alongside video calls
- Set up MongoDB to store user profiles, friend connections, and chat history

Certifications & Achievements

- MongoDB for Node.js Developers** - MongoDB University
Official certification in building applications with MongoDB and Node.js (View Certificate)
- HPE Hackathon 2024**
Selected for final round among 500+ participants
- Amazon HackOn**
Advanced to the second round, selected from a highly competitive pool of thousands of participants.
- HackerRank**
5-star rating in Java (Top 10% of users)