

RAVI SHANKAR SINGH

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Github:[ravisingh9302](https://github.com/ravisingh9302) | Portfolio:ravisingh9302.vercel.app

SKILL

- **Technical Skills:**
 - **Programming:** JavaScript, TypeScript, HTML, CSS, C++.
 - **Frameworks:** React.js, Next.js, Express.js, Node.js, Vite.
 - **Databases:** MongoDB, PostgreSQL, and MySQL.
 - **Tools:** Figma, Sequelize, Prisma, TailwindCSS, Bootstrap, Postman, Thunder Client.
 - **Others:** Socket.IO, WebRTC, Firebase.
- **Industry Skills:** Web Developer, RESTful API Developer, Backend Developer, Full Stack Developer, Version Control.

PROJECTS

Project Title: E-Learning Web Application

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- **Tech Stack:** The project utilizes the MERN stack (MongoDB, Express.js, React, Node.js) for development, Cloudinary for media storage, and is hosted on Render and Vercel.
- A comprehensive E-Learning platform facilitates student enrollment in diverse courses and allows instructors to develop and publish their courses.
- The platform is equipped with specialized dashboards for both students and instructors.
- The project has integrated doubt solving AI chat bot.
- **Key Features:** The platform comprises student and instructor dashboards, course administration tools, multimedia content storage, robust user authentication, comprehensive course pages, and adaptable design.

Project Title: Chat Web Application

[GitHub](#)

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- **Tech Stack:** The project is developed using the MERN stack (MongoDB, Express.js, React, and Node.js). Real-time communication is enabled through Socket.io and WebRTC.
- This web-based chat application enables users to authenticate and participate in real-time text-based conversations with their established connections.
- It provides functionality for initiating video calls and sharing screens during communication sessions.
- **Key Features:** The messaging system features live online status, typing status, emoji selection, message read/unread, and delivery status, and a comprehensive message archive.

Project Title: Widget NPM package

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- **Tech Stack:** The software application is developed using Node.js and React.js, with Vite serving as the build tool and Socket.io. Additionally, a Telegram bot is integrated into the system.
- The application is hosted on infrastructure provided by Render, Vercel, and npm.
- This package is also available to use it in static HTML file through CDN.
- This NPM package facilitates the seamless integration of a widget-based Telegram chatbot into webpages, thereby enabling real-time visitor engagement and providing customization capabilities.
- **Key Features:** The platform offers 24/7 support for live chat from the webpage to Telegram Messenger, customizable widget themes, and the capability to integrate with your bot or other elements within the widget.

EDUCATION

2021-present	B.Tech (CSE) at university institute of technology, Bhopal	CGPA: 7.1
2019-20	High Secondary School at Sindhu High Secondary, Satna	Percentage: 84.4%
2017-18	High School at Sindhu High Secondary School, Satna	Percentage:89.6%

CERTIFICATION AND ACHEVEMENTS

- The 1st position in the Internet of Things (IOT) model.
- Achieving the 1st position in the coding competition.