

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.
 - **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

[GitHub](#)

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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 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

- **B. Tech Computer Science Engineering (2021-25)** **CGPA:7.1**
Barkatullah University Institute of Technology Bhopal (MP)
- **High Secondary School (2019-20)** **Percentage:84.4%**
Sindhu Higher Secondary School Satna (MP)
- **High School (2017-18)** **Percentage:89.6%**
Sindhu Higher Secondary School Satna (MP)

CERTIFICATION AND ACHEVEMENTS

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