

# HARSHIT TIWARI

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## EDUCATION

Maulana Azad National Institute of Technology Bhopal

*B.Tech Materials Metallurgical Engineering*

2026

CGPA: 8.11(till 6th Semester)

Saraswati V Mandir Vivekanand Ngr Sultanpur

*12th CBSE PCM*

2021

Percentage: 89%

## PROJECTS

Full-Stack Delivery E-commerce Website: [\[Github\]](#) [\[Live Demo\]](#)

- Developed a scalable full-stack e-commerce web application with a responsive user interface using the **MERN stack**. Implemented RESTful **APIs** for product listings, user authentication, and order management.
- Enabled JWT-based user and admin authentication with protected routes. Allowed only admin users to add new products through a secure admin dashboard.
- Use **Redux** for global state management, enabling smooth cart and checkout workflows. **Stripe** payment gateway to enable secure online payments.

Real-Time Chat Application: [\[Github\]](#) [\[Live Demo\]](#)

- Developed a scalable real-time Chat Application using **React.js**, **Node.js**, **Express.js**, and **Socket.IO** enabling instant messaging between users; supported JWT-based login and MongoDB for persistent chat storage.
- Developed REST APIs for managing chat rooms and user sessions. Added typing indicators and real-time chat history synchronization.
- Save and retrieve chat history from **MongoDB**

Code-Reviewer AI Web App: [\[Github\]](#) [\[Live Demo\]](#)

- Built a full-stack application to analyze and review code snippets using the **Gemini AI API**. Developed a frontend using **React.js** with syntax highlighting and code editing capabilities. Implemented backend RESTful APIs to interact with the **AI** model and return feedback.

Other Projects: [\[Github\]](#)

## CODING PROFILES

Codeforces: Max Rank: **Pupil** , Max Rating: **1247, 350+** Problems Solved .[\[codeforces\]](#)

CodeChef: Max Rank: **3 Star**, Max Rating: **1626**. [\[ codechef\]](#)

LeetCode: **450+** Question Solved[\[LeetCode \]](#)

## Technical Skills

- Languages:** C, C++, SQL, JavaScript.
- Frontend:** React.Js, HTML/CSS, Tailwind CSS.
- Backend:** Node.js, Express.js, REST APIs, JWT.
- Databases:** MongoDB, SQL .
- Tools:** Git, VS Code, Postman, Excel.
- Coding skills:** Data Structures & Algorithms, Object-Oriented Programming, DBMS, Computer Networks, Operating Systems.

## Achievements

**1000+ Questions Solved:** Solved DSA and Competitive Programming problems across various platforms

**Pupil on Codeforces:** Max Rating 1247, 350+ Questions Solved.

**3 Star on CodeChef:** Max Rating 1626, 50+ Questions Solved, Global Rank 490 in CodeChef Starters Div3.

**School Level Third rank holder in Math Olympiad**

## LEADERSHIP ACTIVITIES

Member, Zenith – The Programming Club of NIT Bhopal

- Organized Inter-College Coding Contest.