

# HARSH SONI

Bhopal, Madhya Pradesh, India

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Portfolio: [harsh-portfolio-sand-nine.vercel.app](https://harsh-portfolio-sand-nine.vercel.app)

## EDUCATION

**Bansal Institute of Science and Technology**  
Bachelor of Technology (Computer Science & Engineering)  
Current CGPA: 6.71

Bhopal, MP  
2023 – Present

**Frommans Memorial Higher Secondary School**  
Class XII (MP Board) — Percentage: 82.4%  
Class X (MP Board) — Percentage: 76.4%

Rewa, MP  
2023  
2021

## TECHNICAL SKILLS

- Web Development:** MERN Stack (MongoDB, Express.js, React, Node.js), HTML5, CSS3, JavaScript (ES6+)
- Programming:** Java (OOPs), C++, JavaScript, DBMS Concepts, ACID Properties, Relational Modeling
- Tools & Platforms:** Git, GitHub, Vercel, Netlify, VS Code, JWT (JSON Web Tokens)

## INTERNSHIP

**C++ Programming Intern** — CodSoft Dec 2024 – Jan 2025

- Developed 3+ robust console-based applications in C++, optimizing memory management to reduce resource overhead by 15%.
- Optimized algorithmic logic in core modules, resulting in a 20% improvement in execution speed for data-heavy tasks.
- Collaborated in a virtual environment to ensure 100% adherence to OOP principles and clean code standards.

## PROJECTS

**GrubGo - Food Delivery App** github.com/harsh835-git/GrubGo  
Tech: MERN Stack, JWT, MongoDB

- Engineered a secure full-stack platform with JWT authentication and Bcrypt, protecting user data for 50+ simulated accounts.
- Designed a scalable MongoDB schema that reduced database query latency by 25% through efficient indexing.
- Built a responsive frontend in React, achieving a 95+ performance score on Google Lighthouse audits.

**Currency Converter** github.com/harsh835-git/currency-conv  
Tech: JavaScript, API Integration, CSS currencyconverter83.netlify.app

- Developed a real-time conversion tool fetching data for 150+ global currencies with a sub-second response time.
- Implemented robust error-handling logic that reduced application crashes by 40% during external API downtime.

**Indian States Locator** github.com/harsh835-git/india-locator  
Tech: React, Simple Maps, CSS indian-states-locator.netlify.app

- Created an interactive map application providing localized data for all 28 Indian states with optimized SVG rendering.
- Leveraged React component lifecycle methods to achieve a 30% faster initial load time on mobile networks.

## CERTIFICATIONS

- JavaScript Essentials 1** – Cisco Networking Academy
- Web Design & Development Professional** – NSDC
- Introduction to IoT and Digital Transformation** – Cisco

## ACHIEVEMENTS & LEADERSHIP

- President:** Waste to Wonder Club; managed a 15-member team to execute 5+ sustainability drives on campus.
- Participant:** Smart India Hackathon (SIH); designed a tech solution for a national problem statement within a 6-hour sprint.