

# Hariom Yadav

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## EDUCATION

VIT Bhopal University  
B.Tech, Computer Science and Engineering

Oct 2022 – July 2026  
CGPA: 8.68

## TECHNICAL SKILLS

**Languages:** C/C++, SQL, HTML, CSS  
**Frontend:** React, Tailwind CSS  
**Tools:** Git, GitHub, VS Code, Vercel

**Databases:** MongoDB  
**Backend:** Node.js, Express.js, Socket.IO, REST APIs

## PROJECTS

### Smiley – Real-Time Chat Application

[Live]

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

- Built a full-stack real-time messaging platform with MERN stack and **Socket.IO**, supporting instant private and group chats.
- Implemented **JWT authentication**, bcrypt password hashing, and authorization middleware for secure login.
- Optimized MongoDB schema with strategic indexes for high performance and minimal latency in message delivery.
- Deployed on **Vercel** and **MongoDB Atlas**, ensuring scalable architecture and real-time message syncing using Socket.IO rooms.

### LocalConnect – Local Business Marketplace

[Live]

*HTML5, CSS3, JavaScript, Tailwind CSS, PWA*

- Developed a responsive e-commerce platform with semantic HTML, **Tailwind CSS**, and vanilla JavaScript emphasizing mobile responsiveness.
- Integrated PWA features with service workers enabling offline usage and cache-first strategies.
- Implemented advanced search/filter, voice search via Web Speech API, dark mode, and localStorage-based user preference persistence.

### Quick-Quiz – Interactive Quiz Application

[Live]

*HTML5, CSS3, JavaScript, DOM Manipulation*

- Created an interactive quiz with dynamic question rendering, real-time scoring, timers, and question randomization.
- Ensured responsive design, smooth animations, and accessibility-compliant UI across devices.
- Enabled persistent score tracking with **localStorage** for seamless user experience.

## CERTIFICATIONS

- **Oracle Cloud Infrastructure Foundations** — Oracle University (Oct 2025), **Score: 95** [Credential]

## ACHIEVEMENTS

- Solved **230+** DSA problems on LeetCode, GeeksforGeeks, and Codeforces; frequent contest participant.
- **Top 1,860/14,000+** teams (52,000+ participants) — Amazon HackOn Hackathon, 2025.

## EXTRA-CURRICULAR

- **U14 Bangalore Team**, Zonal Cricket Tournament (2017–18) — Demonstrated teamwork, commitment, and discipline.