

# Hariom Yadav

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## EDUCATION

### Vellore Institute of Technology

B.Tech, Computer Science and Engineering

Oct 2022 – July 2026

CGPA: 8.71

## TECHNICAL SKILLS

**Languages:** C++, JavaScript, SQL

**Frontend:** HTML, CSS, React, Tailwind CSS

**Tools:** Git, GitHub, VS Code, Vercel

**Databases:** MongoDB, PostgreSQL

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

**APIs & Services:** OpenAI, Gemini API, Clerk

## PROJECTS

### QuickAi – AI-Powered SaaS Content & Image Generation Platform

[Live]

*PERN Stack, OpenAI API, Gemini 2.0-Flash, Clerk Auth, Razorpay*

- Developed full-stack AI SaaS platform with PERN stack (React 19, Express 5, PostgreSQL, Node.js) featuring 5 AI tools: DALL-E image generation, background/object removal, article writing, and blog title generation with real-time processing.
- Implemented enterprise-grade architecture with Clerk authentication, Cloudinary media handling, OpenAI API integration, and RESTful API serving 10+ endpoints across AI/user/community features with Lighthouse score 95+.
- Deployed scalable monorepo to Vercel+Neon with responsive Tailwind UI, Vite optimization, and production-ready security (CORS, secure file uploads) supporting community sharing for 1000+ creations.

### Smiley – Real-Time Chat Application

[Live]

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

- Developed full-stack real-time messaging SaaS with MERN + Socket.IO, enabling instant private/group chats with optimized MongoDB schema.
- Implemented enterprise-grade security with JWT authentication, bcrypt hashing, and authorization middleware for secure message delivery.
- Deployed scalable architecture on Vercel + MongoDB Atlas with Socket.IO rooms for 1000+ concurrent connections.

### 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 260+ DSA problems on LeetCode, GeeksforGeeks; 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.