

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

- Developed a dynamic quiz engine using Vanilla JavaScript and Fetch API to load and filter 100+ questions from JSON while maintaining smooth state management.
- Designed an engaging UI using Web Audio API and custom CSS animations for real-time user feedback.
- Enabled score persistence via localStorage and ensured full responsiveness across all devices.

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.