

Hariom Yadav

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EDUCATION

Vellore Institute of Technology
B.Tech, Computer Science and Engineering

Oct 2022 – July 2026
CGPA: 8.68

TECHNICAL SKILLS

Languages: C++, JavaScript, SQL	Databases: MongoDB, PostgreSQL
Frontend: HTML, CSS, React, Tailwind CSS	Backend: Node.js, Express.js, Socket.IO, REST APIs
Tools: Git, GitHub, VS Code, Vercel	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

- Full-stack AI SaaS platform with OpenAI DALL-E and Gemini APIs delivering 6+ endpoints for text-to-image generation, content creation, and AI resume analysis.
- Implemented **Clerk** authentication and payments, and role-based access control (freemium model) with sub-100ms PostgreSQL query optimization.
- Engineered Express REST API with Cloudinary AI transformations, community features, and real-time dashboards using React 19 and Vite.

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.

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.