

Gagan Hegde

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EDUCATION

Cambridge Institute of Technology

B.E in Information Science - Current CGPA - 9.46/10

Bangalore, India

2023-2027

MES PU College

Completed 12th with Physics, Chemistry, Mathematics and Biology.

Sirsi, Karnataka

2021-2022

TECHNICAL SKILLS

Languages: C/C++(Data Structures and Algorithms), Java (OOPS) , HTML/CSS, Javascript

Frameworks: React, Express, Redux, Bootstrap, Tailwind,MUI Joy

Runtime Environment : Node js

Databases :MySQL, MongoDB

Developer Tools: Visual Studio, Git & GitHub, Linear

PROJECTS

Fluency – AI-Powered Language Assistant - ([GitHub](#))

Mar 25

- Developed an AI-driven language learning app for a 5 hour hackathon with **LLaMA-3.3-70B-SpecDec** and **Whisper-Large-v3** for voice-enabled chat and speech practice.
- Integrated 10+ structured exercises and real-time simulations, enabling 50+ users to practice conversations with adaptive AI feedback.
- Built with **Next.js** and **MERN stack**, achieving 90%+ Lighthouse performance scores and ensuring seamless UI across 5+ device types.

VybSync Chat Application - ([GitHub](#))

Mar 25

- Built real-time full stack messaging with **Socket.IO**, **Express.js**, and **MongoDB**.
- Built real-time features like group chats, Google OAuth login, seen/unseen message tracking, and typing indicators, supporting smooth chats for 100+ users.
- Designed using **React**, **Vite**, and **Material UI (Joy)** for smooth animations and user interaction..

IRCTC – Website Redesign - ([GitHub](#))

Apr 25

- **Built** a responsive IRCTC landing page with **React**, **Tailwind CSS**, and **Framer Motion**, for frontend hackathon featuring gradient hero banners, interactive animations, and listing 50+ trains.
- **Optimized** performance with 20+ reusable components and clean, accessible code, boosting load speed by 30% across devices.

Google Developer Group-CIT Main Campus Website - ([GitHub](#))

Dec 24

- Created an interactive static site with **HTML**, **CSS**, and **JavaScript**.
- Implemented event highlights, team carousel, and responsive navigation with smooth scroll effects.

LICENSES & CERTIFICATIONS

Google Cloud Skill Badges by Google Cloud Skill Boost

Nov 24

- Earned 15+ skill badges across Generative AI, Cloud Monitoring, APIs, and Data Analytics.

Event Planning, Marketing and Management by Udemy

Dec 23

- Learned to manage end-to-end event planning, monetization strategies, SEO, and social media marketing.

EXTRACURRICULARS & INTERESTS

Club Activities: Contributed as a core team member at **Google Developer Group - CIT** as a Web Developer, developing a website, conducting 3+ events, and assisting with 2 technical workshops driving outreach initiatives that engaged 200+ students.

Hackathons & Competitive Programming : Participated in hackathons including **Frontend Frontier** (IIT Patna), **Samsung Gen AI Hackathon**, **Google Solution Challenge**, and internal coding challenges. Achieved **2-star rating on CodeChef** and competed in **Codeforces** contests.

Hobbies: Practicing fast typing with average speed of 90 WPM, playing chess and badminton, and reading self-help and personal development books.