

Gagan Hegde

| [Phone](#) | [Email](#) | [Linktr.ee](#) |

EDUCATION

Cambridge Institute of Technology

B.E in Information Science- Current CGPA - 9.4/10

Bangalore, India

2023-2027

MES PU College

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

Sirsi, Karnataka

2021-2022

LICENSES & CERTIFICATIONS

Google Cloud Skill Badges

Virtual

Nov 24

Google Cloud

- Earned 15+ Google Cloud skill badges, gaining hands-on experience in cloud services, AI, and data analytics. Developed expertise in generative AI, cloud monitoring, and API-driven image and speech analysis, showcasing the ability to build scalable, innovative solutions on Google Cloud.

Event Planning, Marketing and Management

Virtual

Dec 23

Udemy

- Event Series Management: Gained expertise in organizing and managing successful event series by increasing attendance and engagement through effective monetization strategies, while leveraging digital marketing techniques, social media, SEO, and press coverage to enhance visibility and promotion.

PROJECTS

Fluency – AI-Powered Language Assistant

Mar 25

- **Hackathon AI Project** With a team size of 5 members we developed **Fluency**, an AI-driven language assistant during a 5 hour hackathon, focusing on conversational practice and exercises to enhance user learning. Implemented **LLaMA-3.3-70B-SpecDec** for personalized chatbot interactions and **Whisper-Large-v3** for voice-enabled learning.
- **Interactive Learning Experience:** Designed and integrated diverse language exercises, including structured challenges and real-time conversation scenarios, providing users with an engaging and adaptive learning environment within a feature-rich Mern stack application.
- **Next.js Frontend Implementation:** Spearheaded the creation of an intuitive and visually appealing UI in **Next.js**, ensuring seamless user navigation, real-time chatbot interactions, and accessibility across devices, enhancing the overall user experience. .

VybSync Chat Application

Mar 25

- Real-Time Communication Framework: Led the development of a robust real-time chat application with features like group chats, direct messaging, and typing indicators using Node.js, Express, Socket.IO, and MongoDB, ensuring seamless user interaction and scalability
- Interactive UI/UX Design: Designed and implemented an intuitive interface with responsive layouts, dynamic message animations, and user-friendly navigation menus using React, Vite, and Material-UI (MUI Joy), enhancing user engagement and accessibility across devices.
- Feature Implementation: Built key functionalities including user authentication (Google OAuth), message persistence, seen/unseen status tracking, and group management, creating a feature-rich platform for real-time collaboration.

Google Developer Group-CIT Main Campus Website

Dec 24

- Interactive Design: : Led the creation of an immersive interface with animations, hover effects, and a responsive navigation menu using HTML, CSS, and JavaScript
- Showcasing Content: : Designed and implemented key features like event highlights, project showcases, and a horizontally scrollable team section with detailed member profiles

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