

Harsha Dattatreya Hegde

+91-7026098039 — harshahegde10s@gmail.com — LinkedIn — GitHub — Portfolio

PROFESSIONAL SUMMARY

B.Tech CSE student (2023–2027) with hands-on experience in full-stack and backend development. Skilled in MERN stack, RESTful APIs, relational databases, and open-source collaboration. Strong foundation in Data Structures and Algorithms with a focus on scalable and maintainable software systems.

EDUCATION

Sahyadri College of Engineering and Management, Mangalore Bachelor of Engineering in Computer Science	2023 – Present CGPA: 9.14
Hanumant Benne PU College, Kumta Pre-University Course (PCMB)	2021 – 2023 93.83%

TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, Java, Python
Frontend:	HTML5, CSS, Tailwind CSS, React.js
Backend:	Node.js, Express.js
Databases:	MongoDB, MySQL
AI & APIs:	LangChain, REST APIs, API Integration
Tools:	Git, GitHub, Postman
Core:	Data Structures and Algorithms, API Testing

PROJECTS

- **Chat Web Application** – Developed a real-time chat system with authentication, one-to-one messaging, and online user presence using WebSockets. Built scalable backend APIs and responsive UI. *Tech: MERN Stack, Socket.IO*
- **AI Resume Analyzer** – Built an AI-driven platform to analyze resumes against job descriptions and generate structured feedback with relevance scoring using LLM-based processing. *Tech: React.js, Tailwind CSS, Node.js, Express.js, LangChain, Ollama model*
- **Doubt It** – Academic doubt-solving platform for college students enabling structured doubt posting and resolution. Used a relational database to maintain strong entity relationships. *Tech: React.js, Tailwind CSS, Node.js, Express.js, MySQL*

OPEN SOURCE CONTRIBUTIONS

- **Open Source Connect India 2025** – Contributor to community-driven open-source projects.
- **GirlScript Summer of Code 2025** – Contributor to multiple global open-source repositories.
- **Key Contributions:**
 - **ChatterSpace** – Implemented navigation flow and full-stack logout.
 - **FARMLOC** – Added Back-to-Home navigation to authentication pages.
 - **InfantCare** – Integrated AI chatbot using Google Gemini model for parenting assistance.

CERTIFICATIONS

- **Postman API Student Expert** – Postman