

Meghana

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EDUCATION

Sahyadri College of Engineering and Management <i>B.E. in Computer Science (CGPA: 9.43)</i>	Mangaluru, Karnataka <i>2022 – Present</i>
Dandathirtha Pre-University <i>12th – PCMB (96%)</i>	Kapu, Udupi, Karnataka <i>2020 – 2022</i>
Dandathirtha English Medium School <i>10th Grade (95.33%)</i>	Kapu, Udupi, Karnataka <i>2019 – 2020</i>

TECHNICAL PROJECTS

Letter Generator App — JavaScript, Node.js, Express, MySQL, HTML/CSS – Built a web app to create letters like invitations, leave requests, and birthday wishes. – Used Node.js and MySQL to store user and letter data. – Added login, signup, and letter download features. – Designed clean and easy-to-use pages with HTML and CSS.	Dec 2024
Millet Connect — React, Node.js, Express, Python, MySQL, Tailwind CSS – Made a platform to raise millet awareness and track health. – Added millet detection using images or text search. – Built APIs to store user data and give personalized suggestions. – Designed a clean, easy-to-use interface with React and Tailwind CSS.	Aug 2024
Fishermen Transparency Platform — React, Node.js, Express, MongoDB, Tailwind CSS – Built a platform connecting fishermen directly with customers for fair pricing. – Added real-time tracking of fish availability and prices. – Developed secure APIs using Node.js, Express, and MongoDB. – Designed a responsive and user-friendly interface with React and Tailwind CSS.	May 2025
Road Accident Detection and Alert System — IoT, ML, ESP32, GPS, GSM – Built a system to detect road accidents in real-time using motion sensors and AI. – Automatically sends the accident location to emergency centers via GPS and GSM. – Stores driving data in the cloud and identifies risky driving behavior. – Supports backup communication in remote areas and sends instant alerts to save lives.	Aug-2025

SKILLS SUMMARY

- **Languages:** C++, HTML, CSS, SQL, Python, Javascript
- **Databases:** MySQL, MongoDB
- **Tools:** Git, GitHub, Postman, Figma, Google Colab, MySQL Workbench

VOLUNTEERING & PARTICIPATION

HackHarbour Sahyadri Open Source Community – Guided juniors in C programming, covering syntax, logic building, and best coding practices.	Sep 2024
Skill Sangam Hackathon Sahyadri College of Engineering and Management – Secured 2nd place by developing an innovative technical solution during the hackathon.	May 2025

CERTIFICATIONS

- MongoDB Developer's Toolkit Course
- Infosys Database and SQL
- TCE - Full Stack and MERN Stack Completion
- Postman API Fundamentals – Student Expert
- IBM SkillsBuild – AI Agent Architect