

# Meghana

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## EDUCATION

### Sahyadri College of Engineering and Management

B.E. in Computer Science (CGPA: 9.43)

Mangaluru, Karnataka

2022 – Present

### Dandathirtha Pre-University

12th – PCMB (96%)

Kapu, Udupi, Karnataka

2020 – 2022

### Dandathirtha English Medium School

10th Grade (95.33%)

Kapu, Udupi, Karnataka

2019 – 2020

## TECHNICAL PROJECTS

### Letter Generator App — JavaScript, Node.js, Express, MySQL, HTML/CSS

Dec 2024

- 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.

### Millet Connect — React, Node.js, Express, Python, MySQL, Tailwind CSS

Aug 2024

- 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.

### Fishermen Transparency Platform — React, Node.js, Express, MongoDB, Tailwind CSS

May 2025

- 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.

### Road Accident Detection and Alert System — IoT, ML, ESP32, GPS, GSM

Aug-2025

- 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.

## 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

Sep 2024

- Guided juniors in C programming, covering syntax, logic building, and best coding practices.

### Skill Sangam Hackathon | Sahyadri College of Engineering and Management

May 2025

- Secured 2nd place by developing an innovative technical solution during the hackathon.

## 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