

Meghana V

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EDUCATION

Siddaganga Institute of Technology <i>Bachelor of Engineering - Information Science and Engineering</i>	Tumkur, Karnataka CGPA: 9.33 — Nov 2022 – Jun 2026
Vidyavahini PU College <i>Class 12 - PCMB</i>	Tumkur, Karnataka 98% — Mar 2021 – Apr 2022
Sumathi English School <i>Class 10</i>	Kyathasandra, Tumkur, Karnataka 95.233% — Mar 2019 – Apr 2020

EXPERIENCE

Institution's Innovation Council <i>Member, Contributed to campus-wide innovation projects.</i>	May 2024 – Present SIT Tumkur
Siddaganga Incubation Foundation <i>Member,, Mentored start-ups and expanded knowledge on innovation.</i>	Present SIT, Tumkur

PROJECTS

<u>Todolist</u> Front End Web Development	06 2024
<ul style="list-style-type: none">Developed a simple To-do List application where users can add, delete, and mark tasks as completed. The project demonstrates basic CRUD operations with dynamic content updates.	
<u>Bus Reservation</u> Developed using C	06 2024
<ul style="list-style-type: none">Website to reserve bus seats. Users can select a bus route, choose the number of seats, and make a reservation. The project demonstrates C programming skills in developing a user-friendly interface.	
<u>AI Driven Crop Disease Detector</u> Python, Deep Learning, Machine Learning	08 2024
<ul style="list-style-type: none">Developed a crop disease prediction system using CNNs for image processing, integrated with Gemini AI for chatbot-driven solutions in the Smart India Hackathon (SIH)	
<u>AI Driven Mock Interviewer</u> Next.js, PostgreSQL, Tailwind CSS	10 2024
<ul style="list-style-type: none">Developed an AI-driven mock interviewer system for HackKshetra 2024, featuring dynamic question generation, webcam and microphone integration, and real-time feedback. Integrated Clerk for authentication, Gemini AI for question generation, React-speech for speech rendering, and Drizzle ORM for data management.	
<u>QPGen:AI-Powered Question Paper Generator</u> HTML, CSS, JS, Python,MYSQL	01 2025
<ul style="list-style-type: none">Developed an AI-driven exam question paper generator that automates customizable question paper creation for educators. Enables selection of subject, difficulty, and question format, ensuring balanced content distribution. Leverages AI for intelligent question selection and integrates MYSQL for data management.	

ACHIEVEMENTS

- Achieved 11th rank in the state in class 12 (**Year 2022**)
- Scholar- **Reliance Foundation UG Scholarships** - Application Number: RFSCH230100082888
- Represented Badminton at the District Level as Captain (**Year 2019**)

TECHNICAL SKILLS

Languages : C, C++, JavaScript, Python
Frameworks & Libraries : React, Express, Streamlit, Node.js
Developer Tools : Git, VS Code, Android Studio, Code Blocks, Canva
Fundamentals : OOP, OS, DSA, DBMS, UNIX

EXTRACURRICULAR ACTIVITIES

- Served as **Cultural Minister** in school, motivating peers to participate in cultural activities.
- Performed anchoring at various school and college fests, contributing to event success.
- Represented school in **Kabaddi** at the Taluk level, showcasing teamwork and sportsmanship.
- Volunteered for **Technisium 2023** and **Browse 2024**, assisting with event coordination.

Vikram R

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EDUCATION

Siddaganga Institute of Technology 8.95
Bachelor of Engineering-ComputerScience Artificial Intelligence and Machine Learning Nov 2022–Jun 2026

Hoysala PU College 94%
Class 12 - PCMB Mar 2021–Apr 2022

PROJECTS

GitHub

Modernizing Laboratory Assessment | JavaScript, Monaco Editor, Piston API 01 2025

- Built an online lab assessment platform to replace traditional systems, providing real-time feedback and automated grading.
- Implemented a **role-based system** for students to code and faculty to evaluate, using **Monaco Editor** and **Piston API** for execution. [Live View]

AI Driven Crop Disease Detector | Python, Deep Learning, Machine Learning 08 2024

- Developed a crop disease detection and management system for **Smart India Hackathon (SIH)**, integrating high-accuracy image processing and chatbot-based solutions.
- Utilized **CNN** with **TensorFlow** for image processing and **Gemini AI** for chatbot responses.

AI Mock Interviewer | NextJs, PostgreSQL, Tailwind CSS 10 2024

- Developed an AI-driven mock interviewer for **HackKshetra 2024**, featuring dynamic question generation, webcam/microphone integration, and real-time feedback.
- Used **Clerk** for authentication, **Gemini AI** for questions, **React-Speech** for speech rendering, and **Drizzle ORM** for data management.

EXPERIENCE

- * **President of Rotary Interact Club** - Which is a part of **Rotary International**, where we solve **real-world problems** and take real commitment and vision. St Ann's High School, Nelamangala - 2018
- * Participated in **HackKshetra** and **Smart India Hackathon**, developing an AI Mock-Interviewer for interview prep and a crop disease detection system, gaining experience in teamwork, problem-solving, and time management.
- * **Captain of Roses Group** - Led the team to victory in the **Cricket tournament** under my captaincy and guided our group to win the **Cultural Group of the Year** award.

ACHIEVEMENTS

- * Cleared **All India General Knowledge Examination** (Advanced Level) with **First Class** approved by CHRD (2018).
- * Led **Rotary Interact Club** (as a president) in raising **1.5 lakhs** for Kodagu flood relief (2018).

TECHNICAL SKILLS

Languages : C, C++, JavaScript, Python

Frameworks & Libraries : React, Express, Streamlit, Node.js

Databases : MongoDB, PostgreSQL

Developer Tools : Git, VS Code, Postman, Replit, Canva

Fundamentals : Operating Systems, Data Structures and Algorithms, Database Management Systems