

# Vikram R

+918431373969 | [Vikramr.1si22ci063@gmail.com](mailto:Vikramr.1si22ci063@gmail.com) | [LinkedIn](#) | [github](#) | [Leetcode](#)

## EDUCATION

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**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

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### 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

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- \* **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

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- \* 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

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**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