

# S KUMARAN

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## Summary

Motivated B. Tech (CSE - AI & ML) student with strong academics and hands-on experience in web development, machine learning, and cloud technologies. Skilled in leading projects and creating impactful, user-focused applications.

## Education

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|--|-----------------|
| - B. Tech in Computer Science and Engineering (AI & ML)<br>St. Martin's Engineering College, Hyderabad | CGPA: 8.1       |
| - Senior Secondary Education (Class 12)<br>Kendriya Vidyalaya Bolarum                                  | Percentage: 92% |
| - Secondary Education (Class 10)<br>Kendriya Vidyalaya Bolarum   | Percentage: 89% |

## Skills

- Technical Skills: Python, JavaScript, Java, MySQL, MongoDB, HTML, CSS, React, Node
- Machine Learning: Scikit-learn, TensorFlow, Keras
- Cloud Computing: Google Cloud Platform, AWS Basics
- Tools & Technologies: Git, VS Code

## Projects

1. Hand Gesture Recognition System
  - Developed a real-time hand gesture recognition app using OpenCV and TensorFlow for hands-free UI control.
2. Song Recommendation Based on Facial Emotion Recognition
  - Created a song recommendation system based on facial emotion detection using OpenCV and a trained emotion model.
3. Convergence Event Website
  - Designed and developed a responsive website for the "Convergence" college fest with event schedules and registration forms using Next.js and Node.js.
  - <https://convergence-nine.vercel.app/>

## Experience

1. Google Developer Student Clubs (GDSC) Cloud Lead Tenure: 2022-2023
  - Organized workshops and training sessions on cloud technologies for students.
  - Collaborated with students to build innovative solutions leveraging Google Cloud.
2. Technical Head - Convergence Event Year: 2024
  - Led the tech. team to ensure smooth execution of the "Convergence" college fest.
  - Led the development of event-related software and managed technical logistics.

## Achievements

- Secured a Top 6 position in the Megathon Hackathon conducted by IIITH for developing an innovative solution.
- Winner of the SwayamKrushi Entrepreneurship Event organized by the college.