

# Raghu Vamshi Kuruva

Computer Science Student



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## SUMMARY

I am a dedicated and adaptable Computer Science student with a passion for technology and a strong foundation in programming. I have experience in developing innovative projects such as a Smart Blind Stick and a Weather Forecast website, along with participation in hackathons. I am eager to learn and master new technologies while contributing to team success through effective communication and collaboration.

## EDUCATION

BS Computer Science (Osmania University Hyderabad)  
Vishwa Vishwani Institute of System And Management (CGPA : 6.72/10.0 up to 3rd sem)  
10/2022    06/2026    Hyderabad, Telangana

Board of Intermediate Education A.P  
Sri Chaitanya Junior College (CGPA : 9.69/10.0)  
06/2017    04/2019    Kurnool, Andhra Pradesh

Board of Secondary Education A.P  
Sri Chaitanya School (CGPA : 9.5/10.0)  
06/2016    04/2017    Kurnool, Andhra Pradesh

## PROJECTS

Smart Blind Stick  
Smart Blind Stick project enhances safety and independence for visually impaired users.  
•Developed a Smart Blind Stick using Arduino Uno, featuring ultrasonic sensors, buzzers, and vibrators for obstacle detection, ensuring safe navigation for visually impaired users.  
•Integrated with GSM and GPS module for real-time location tracking via SMS.

Weather Forecast Website  
Weather Forecast website project.  
•Created a weather forecast website that provides today’s weather and forecasts for the next five days using HTML, CSS, and JavaScript.  
•Used Open Weather Map for API integration.

## HACKATHON

Multi-Thread Download Manager  
11/2024    11/2024  
Hackathon project focused on file downloading technology.  
•Participated in a competitive hackathon “Hash It Out Season 2” organized by the Student Developer Community at Sreenidhi Institute of Science and Technology  
•Developed a multi-threaded file download manager to handle simultaneous downloads with user-defined prioritization.  
•Optimized bandwidth usage and resource allocation for efficient performance.

## SKILLS

Java	Python	CSS	Eclipse	EXCEL	Gps	HTML	API	Javascript	MySQL	PyCharm
Arduino	SQL	Ultrasonic								

# CERTIFICATIONS

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- The Joy of Computing Using Python** - Achieved 12-week NPTEL course completion certificate in ‘The Joy of Computing Python’ with score of 70% .
- MS Excel Certification** - Course completion certificate in MS Excel from Vamux Consulting Pvt Ltd .
- Infosys Spring Board Certification** - Course completion certificate from Infosys Spring Board in Java Features, Java Concepts, SQL Developer and Network Topologies and Technologies.
- AWS APAC Solutions Architecture virtual experience program on Forage** - Designed a simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant and slow response times.

# KEY ACHIEVEMENTS

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| <b>Innovative Assistive Device</b><br>Led Smart Blind Stick project, aiding 50 visually impaired users. | <b>User Satisfaction Success</b><br>Achieved 90% user satisfaction in weather website.   |
| <b>Event Planning Success</b><br>Coordinated 10 events, enhancing organizational skills.                | <b>Captured and Documented Major College Events</b><br>As Head of Photography Club, preserving key moments and enhancing campus engagement through professional event photography. |

# STRENGTHS

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| <b>Adaptability</b><br>Highly flexible, quickly adjusting to changing situations and requirements.           | <b>Continuous Learning</b><br>Eager to embrace and master new technologies continuously. |
| <b>Event Planning</b><br>Skilled in planning and executing events with attention to detail and coordination. |  |

# PASSIONS

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| <b>Volunteering</b><br>Volunteered with Organizing club in our college, organized events. | <b>Photography</b><br>Capture and edit photos as part of a personal passion for photography |
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