






Sathwik Reddy Thummala

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CAREER OBJECTIVE:

To leverage my analytical, problem-solving, and workforce management skills as a Real-Time Analyst in Hyderabad, ensuring optimal service levels, efficient resource utilization, and timely decision-making that drive business performance and customer satisfaction.

EDUCATION

2021/11 – 2025/06 Hyderabad	B-Tech <i>ACE Engineering College</i> B.Tech/Information Technology, 76.2%,(with exposure to data analysis, logic building, and structured problem-solving , applicable in financial processes).
2019/06 – 2021/04 Hyderabad	Intermediate <i>Sri Gayatri Junior College</i> 92.8%, 2021
2019/04	Secondary School Certificate <i>SPR School Of Excellence</i> 85%, 2019

SKILLS

Technical Skills:
MS Excel, MS Outlook, Python, Java, MySQL, Spring Boot, HTML, CSS, JavaScript, Full Stack Engineering

Soft Skill
Communication Skills(Verbal & Written), Time Management, Analytical Reasoning, Problem-Solving, Critical Thinking, leadership

Logistics & Operations:
leet Management, Load Scheduling, Supply Chain Coordination, Issue Escalation, Customer Support

CERTIFICATES

Introduction to Programming Using Python - Guvi Geek Networks, IITM Research Park

Certificate of Participation in Level 1.1 : E- Commerce - Unstop

Completed the 'Introduction to Programming Using Python' course (40 hours) with a score of 71%, ranking among the top 25% out of 7,438 qualified learners.

PROJECTS

2025/03 – 2025/05	Audio To sign Language Conversion <ul style="list-style-type: none">Developed a web-based system that converts spoken audio to Indian Sign Language using 3D avatars, aimed at enhancing accessibility for hearing-impaired users.Integrated 100+ MP4 sign language videos, mapped to corresponding voice commands, enabling seamless real-time gesture rendering.Enhanced user experience by implementing a multi-voice sample system, successfully tested with 3+ different voice samples, achieving 92% accuracy in converting spoken words into sign language gestures.Achieved a 40% reduction in processing latency by utilizing efficient video preloading techniques and optimizing the rendering pipeline.Implemented a user-friendly interface, allowing users to easily input spoken audio and view the corresponding sign language gestures.
2024/12 – 2025/02	Advanced ATM Security System Using Integrated Fingerprint and Facial Recognition Technologies <ul style="list-style-type: none">Designed and implemented a dual biometric-secured ATM system, eliminating the need for physical cards by using a combination of fingerprint and facial recognition for authentication.Integrated OpenCV and MFS100 fingerprint scanning device into the system for real-time user authentication, ensuring secure and accurate biometric data capture.Developed facial recognition algorithms to complement fingerprint scanning, increasing the security level and reducing the chances of unauthorized access.Tested the system with 15 users, achieving 90% authentication accuracy in controlled trials, enhancing system reliability and user trust.Reduced fraud exposure by an estimated 70%, mitigating the risks of card skimming and unauthorized ATM access.