# VIGNESHWAR REDDY GANGIREDDY

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## PROFESSIONAL SUMMARY

Software & Web Development Intern with ~2 years of experience in full-stack development, automation, and cloud deployment using Java, Python, C++, and JavaScript. Skilled in AI/ML, RPA, AWS, and audio technology enhancement.

## EDUCATION

**Master Of Science in Computer Science**                                                      Aug 2023-May 2025
Saint Louis University, Saint Louis, Missouri                                                        **CGPA: 3.5/4**
**Bachelor of Technology in Computer Science and Engineering**                      June 2019-May 2023
KL University Hyderabad                                                                              **CGPA: 3.7/4**

## PRACTICAL SKILLS

**ICT & Technologies:** C++, C, Python, R, JavaScript, HTML, CSS, SQL, Java, RPA, Machine Learning, Artificial Intelligence, Data Science.
**Tools:** Dev C++, Anaconda, Google Collab, PyCharm, Eclipse IDE, VSCode, MySQL Shell, GitHub, JIRA, DOCKER, CIRCLECI

## EXPERIENCE

**DEV/QA Intern | OpenText**                                                                AUG 2022-NOV 2022
- Completed intensive training in various Information and Communication Technologies (ICT) and essential tools over a month-long period. Transitioned into a collaborative team focused on application development, actively involved in every stage of the development lifecycle, from conception to testing.
- Gained hands-on experience in diverse aspects of application development, including coding, debugging, testing, and implementation. Contributed effectively to the team's projects, demonstrating adaptability, quick learning, and a strong grasp of technical concepts within a professional environment.

**DEV Intern | Samsung PRISM R&D**                                                        JUL 2021-MAR 2022
- I played a pivotal role in enhancing audio quality, demonstrating strong commitment to precision and innovation in audio technology. During an immersive internship, I specialized in audio processing and speech audio quality verification, mastering techniques like noise reduction and signal enhancement. I actively contributed to implementing quality verification procedures, ensuring accuracy and reliability through rigorous testing. My hands-on experience with cutting-edge tools showcased my understanding of sound engineering principles.

**Virtual Intern | AICTE**                                                                      OCT 2021-DEC 2021
- Focused on Amazon Web Services (AWS) and cloud platform during an 8-week virtual internship. Completed 8–10 intensive modules ahead of schedule, demonstrating fast learning capabilities and proficiency in cloud-based technologies.
- Acquired hands-on experience in various facets of AWS and cloud infrastructure, demonstrating proficiency in deploying, managing, and optimizing cloud-based solutions. Showcased adaptability and a keen ability to grasp complex concepts in a remote learning environment while actively applying acquired skills to practical scenarios.

## ACADEMIC PROJECT

**Smart Assistance for Visually Impaired**                                                          MAR 2023
- Engineered a real-time object detection application leveraging YOLO models integrated with Recurrent Neural Networks (RNNs) to accurately identify and track moving objects. Compared the current frame with the previous frames to determine the object movement, the object class identified is converted to voice by an AI voice converter and tools like Jupyter, Visual Studio.

**Disease Prediction Using Machine Learning**                                                      NOV 2022
- Completed a project on one real-time problem related to Disease Prediction. Used Machine Learning techniques and asked user's simple questions related to symptoms to predict the disease.

**Travel Tourism and Hospitality Management**                                                      NOV 2021
- Developed a web development project using Node.js and MongoDB. Facilitates the customers to plan a travel trip that includes great experience and hospitality with peak comfort on an online platform, and Team size is of 5 members.

**Car Price Prediction**                                                                            MAR 2020
- Designed the project for people who want to purchase a second-hand car and are confused with its benefit.
- Worked on this project to help people predict the price of used cars using various features and tools like Jupyter, Visual Studio, HTML and JavaScript

## CERTIFICATIONS

NASSCOM Certification – Fundamental of Data analytics - 2023 | Azure Az-900 | Automation Anywhere certified - Advanced RPA professional 2022 | Oracle Certified Foundations Associate - Oracle Cloud Infrastructure

## TRAINING & EXTRACURRICULAR ACTIVITIES

**AWS Academy Cloud Architecting and AWS Academy Cloud Foundation | AWS**            DEC 2021-JAN 2022
- The program emphasized practical application, problem-solving, and industry-relevant skills for aspiring cloud architects and professionals aiming to excel in cloud-based infrastructure design and administration.
- The AWS Academy Cloud Foundation course offers a solid foundation for understanding cloud computing foundations and AWS services, paving the way for specialization in specific AWS disciplines or certifications. **Member, AI and ML Club**
- Led learning sessions, tutorials, and shared learning roadmaps on AI, ML, and Deep Learning for junior members.
- Provided timely updates on industry advancements, fostering a dynamic learning environment within the club.

**Participant, Collage Hackathon**
- This Hackathon project showcases the integration of multiple technologies to build a scalable, feature-rich web application with interactive elements, database connectivity, and a well-designed user interface, demonstrating proficiency in Java-based web development.