Vakati Samanvitha

✉ Samanvithavakati@gmail.com 📱 6304224619 📍 nellore, India

EDUCATION

Btech in Computer Science
Vellore Institute Of Technology ,Vellore

09/2021 - 12 /   *CGPA:9.02*

Intermediate in MPC
Aakash,Nellore

06/2019 - 04/2021   *Percentage: 94.7*

Till 10th Grade
Dr.SRK Next Gen School,Nellore

GPA:9.8

PROJECTS

Voice Master: Enhanced Alexa Skills and Automation
 (09/2023 - 10/2023)
- Developed multiple Alexa skills including the updates and custom automation controls,resulting in a diverse and feature-rich voice assistant.
- Implemented speech to text capabilities,enhancing the user experience and enabling intuitive,hands-free interactions.

Image Processing Project (11/2021 - 12/2021)
- Leveraged advanced image processing techniques and libraries, including NumPy and pandas, to achieve high-quality results.
- - Implemented advanced image processing algorithms to transform ordinary images into captivating cartoon-style artworks. - Optimized code for performance, reducing processing time by 30% and enhancing user experience.

TOYOTA TAS700 (09/2023 - 12/2023)
- In the Toyota TAS700 project, we developed a cutting-edge infotainment system tailored specifically for the Brazilian market.
- played a key role in ensuring the system's reliability by identifying and fixing software bugs. Through this , we achieved a 25% reduction in development time, ensuring timely delivery and enhanced performance of the infotainment system.

WORK EXPERIENCE

Intern
Harman International

09/2023 - 12/2023   *Banglore ,India*

Achievements/Tasks
- Identifying and diagnosing software bugs and issues in audio systems.
- Utilizing CodeSonar to perform static analysis and identify vulnerabilities in the codebase.
- Collaborating with the development team to fix identified bugs and improve code quality.
- Utilizing flashing tools to upload updated software to embedded automative audio systems.

SKILLS

C   Python   SQL   C++   Open CV
Image processing

EXTRACURRICULAR

Member of Sahiti Club
Participated in Organizing events, performances, and workshops to promote dance within the community.

Management Head - IEEE TEMS
Actively involved in the Technical Club , collabarating with like-minded individuals to explore and implement exciting technology projects.

CERTIFICATIONS

Python Bootcamp (08/2023 - 09/2023)
In-depth understanding of python syntax,data structures, and core concepts.Exposure to real-world projects and collaborative coding.

Front End Development -HTML (10/2023 - 10/2023)
This Certificate certifies the successful completion of a comprehensive HTML Front-End Development program .

LANGUAGES

English
Full Professional Proficiency

Telugu
Native or Bilingual Proficiency

INTERESTS

History Enthusiast   Reading Books
Exploring New Technologies   Dance