

Vakati Samanvitha

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☎ 6304224619

📍 nellore, India

EDUCATION

Btech in Computer Science

Vellore Institute Of Technology ,Vellore

09/2021 - Present

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 automotive 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 (01/2024 - Present)

Actively involved in the Technical Chapter , collaborating 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