

Srinithi Sasikumar

Postgraduate

Department of Computer Application

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EDUCATION

Degree	Institution	CGPA	Year
M.C.A	Mohan Babu University	9.2	2023-2025
B.Sc.	SDHR Degree & Pg College	8.3	2020-2023

INTERNSHIP EXPERIENCE

- **Python Software Development Intern** (May - Jul 2023)
 - Completed a 12-week internship focused on full stack development fundamentals.
 - Improved problem-solving skills and coding practices under professional mentorship.
- **Python – Software Developer** (May- Jul 2023)
 - Completed a 12-week internship focused on Python software development, covering such as Python, HTML, CSS, JavaScript, SQL.
 - Gained hands on experience in building Python applications and applying various techniques for debugging.

PROJECTS

- **AI-Powered Visual Tracking System for Monitoring Progress in Construction Sites**
 - Developed a real-time monitoring system using computer vision (YOLOv8, DeepLabV3+) and 4D BIM for tracking construction progress and safety.
 - Achieved 93%+ in object detection and 90%+ in semantic segmentation of structural elements.

ACHIEVEMENTS AND CERTIFICATIONS

- Google Data Analytics – Coursera
- Smart Construction Progress Tracking with AI – CRATE 2025(Paper Presentation)

SKILL SUMMARY

Languages: C, Python, HTML.

Tools: SQL.

Soft Skills: Team Work, Honesty, Adaptability.

EXTRA-CURRICULAR ACTIVITIES

- Participated in the University Badminton Tournament (Doubles) and was the winner of the League.
- Led the organization and coordination of a major cultural event along with a team at MBU.