

Achan Manvitha

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Objective

Seeking a dynamic and growth-oriented role in the technology industry where I can contribute meaningfully, take on new challenges, and build a successful long-term career.

Education

Stanley College of Engineering and Technology for Women <i>B.E in Computer Science</i> <ul style="list-style-type: none">GPA: 9.0	2022 – 2026
Sri Chaitanya Junior College <i>Intermediate (MPC)</i> <ul style="list-style-type: none">Percentage: 91	2020 – 2022
Rosary Convent High School <i>SSC</i> <ul style="list-style-type: none">Percentage: 100	2020

Internships

Naval Ship Detection using YOLOv5 <i>DRDL – Defence Research and Development Laboratory</i> <ul style="list-style-type: none">Developed a real-time object detection system using YOLOv5 with transfer learning.Achieved 88% Precision, 84% Recall, and 85% mAP@0.5 after 27 epochs on custom dataset.Designed for maritime surveillance and deployment on drones and edge devices.	May – June 2025
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Projects

JEE College Predictor <i>Mini Project – Stanley College of Engineering</i> <ul style="list-style-type: none">Built a full-stack web app to help JEE aspirants predict eligible NITs based on rank, category, and gender.Developed with HTML/CSS, Node.js, Express, and MongoDB; includes seat matrix and review modules.Supports user auth, password recovery, and a responsive UI for improved student usability.	Jan – March 2025
Recommendation System using Web Development <ul style="list-style-type: none">Developed a web-based recommendation engine using JavaScript to suggest content based on preferences.Improved interface usability with HTML/CSS for better engagement.	2024
Portfolio <i>Codsoft</i> <ul style="list-style-type: none">Created a responsive personal portfolio using HTML, CSS, and JavaScript.Deployed the site via GitHub Pages to showcase projects and skills.	April – May 2024

Certifications

<i>Data Science with Python – IIT Roorkee (ArIES)</i>	<i>Dec 2022 – Feb 2023</i>
<i>Cybersecurity Fundamentals – IBM SkillsBuild</i>	<i>Nov 2023</i>
<i>Python Programming-For every Beginners – Udemy</i>	<i>June 2025</i>
<i>Introduction to R Programming– Udemy</i>	<i>June 2025</i>
<i>Programming in Python – NPTEL (SWAYAM)</i>	<i>June 2025</i>
<i>Quantum Computing – CDAC and IIT Roorkee</i>	<i>June 2025</i>

Technical Skills

Languages: C, Python, Java, JavaScript
Frameworks/Tools: Git, GitHub, Node.js
Databases: MongoDB, SQL
Concepts: Web Development, Data Structures, Object Detection

Soft Skills

Communication, Team Collaboration, Adaptability, Leadership, Time Management, Problem Solving

Languages

English (Fluent), Telugu (Native), Hindi (Fluent)