

MANGARAJU TEJASRI

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OBJECTIVE

Motivated and detail-oriented aspiring software engineer seeking a dynamic role to apply programming, web development, and problem-solving skills.

TECHNICAL SKILLS

- **Programming Language:** Python, C++
- **Frontend Technologies:** HTML5, CSS3, Bootstrap
- **Technologies:** Git, GitHub, Cloud Computing, Computer Networks
- **Applied skills:** Data Structures & Algorithms, Prompt Engineering
- **Professional Competencies:** Critical Thinking, Team Collaboration, Analytical Thinking

EDUCATION

Raghu Institute of technology, Visakhapatnam Nov 2021 - April 2025

Bachelors of Technology in Electronics and Communication Engineering CGPA: 9.22

INTERNSHIPS & EXPERIENCE

Web developer intern | Blackbuck Engineers Dec 2024 - March 2025

- Completed an internship focused on web development and design.
- Gained hands-on experience in front-end development using HTML5, CSS3, and Bootstrap.
- Built and deployed a project Quill Home Page, a minimalistic digital journaling interface, hosted on GitHub.

Analysis and validation Intern| RaoS consultants LLC, USA May 2024 - Mar 2025

- Conducted analysis and validation on antennas using Python and MATLAB, focusing on automation of simulations and data interpretation.
- Enhanced problem-solving skills and code optimization techniques through iterative debugging and result validation. Gained exposure to real-world technical documentation, tool usage, and teamwork.

CERTIFICATIONS & ACHIEVEMENTS

- Python Programming & Web Development – Blackbuck Engineers
- Analysis & Validation – RaoS Consultants LLC
- CSE Minors Certification
- RaoS Best Female All-Rounder 2025 – IEEE

PROJECTS

Smart Blind Glasses – Python + OpenCV Prototype

- Built a vision-assisted navigation prototype using Python and OpenCV.
- Implemented image-to-audio pipeline for real-time environment awareness.

YouTube Clone – Frontend Web Application

[www.github.com/Tejasri-777/YouTube-clone](https://github.com/Tejasri-777/YouTube-clone)

- Built a responsive YouTube-style interface using HTML and CSS.

Quill Journal Website

[www.github.com/Tejasri-777/QuillHomePage](https://github.com/Tejasri-777/QuillHomePage)

- Created a minimalistic journaling interface with clean UI.

POSITIONS OF RESPONSIBILITY

- Executive Committee Member – IEEE Student Branch
- NSS Volunteer
- Team Lead – Final Year Antenna Project

INTERESTS

- Learning and exploring new technologies
- Singing
- Photography