**PRASANNA REDDY TAVANAM**

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# Career Objective

To secure a demanding entry-level role in an organization where I can utilize my technical expertise, problem solving ability and gain insights from seasoned professionals while participating in innovative projects.

# Education

**Bachelor of technology in Information Technology, 2021 – Expected may 2025**

*QIS college of engineering and technology, Ongole, Andhra Pradesh.*

CGPA: 8.29/10.

**Relevant Coursework :** Programming languages(java,python,etc),Data Structures and Algorithms, DBMS, Object oriented programming, Software Engineering,Software development(SDLC),design patterns,computer science.

# Skills

**Technical Skills :** Java, Data Structures & Algorithms(DSA), SQL, HTML, CSS, Basics of Excel, Basics of Unix commands, Basics of Spring framework**.**

**Soft Skills :**Presented a seminar on the chandrayaan-3 mission to classmates. Enhanced problem solving and coding skills by troubleshooting and solving over 100 coding challenges on platforms like LeetCode, Hackerrank, Codeforces, focusing on algorithms, data structures. Led a team of 6 members on successful development & implementation seed sowing robot by increasing 95% of sowing accuracy, showcasing strong leadership and teamwork abilities.

**Tools & IDEs :** Familier with VSCode, Eclipse, Android studio, STS.

**Lang Known :**  English (Fluent), Telugu (Native).

# Academic projects

# Music player : A java based music player application was developed, employing the ArrayList data structure to manage a dynamic playlist management system. Essential functionalities were implemented, The application utilized javax sound library for audio playback and control, showcasing expertise in audio processing and management.

# Library Management System : software application designed to facilitate the management of library resources, including books, journals, multimedia, and other materials. It helps librarians and staff efficiently organize, track, and manage library operations, while providing users with a seamless experience in accessing library resources. Applied knowledge of java, DSA, SpringBoot, MySQL(DDL,DML,Normalization).

# Certifications & Internships

* Java full stack virtual internship, Eduskills,2025.
* Certification on Java Programming, CodeTantra, 2024.
* Certification on Java programming, HackerRank, 2024.
* Certification on SQL, HackerRank, 2024.

# Extra-curricular activities

# Delivered a seminar to classmates on chandrayaan-3 mission, covering its rocket design and successful landing.

# Participated in and was recognized in a group discussion at the college Fest.

# Led a cricket team of 11 in the college fest and secured 2nd place.

# Regularly participate in weekly coding challenges on platforms like LeetCode and Codeforces.

# Achievements

* Led a team of 6 in the seed sowing robot project was actively served, with responsibilities for effective communication with teammates, providing guidance, and ensuring timely project completion. Leadership skills were developed, and collaboration within the team was fostered, ultimately contributing to the successful execution of the project.