POLU SANJAY

B.Tech. (Computer Science and Engineering)
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Summary

Enthusiastic and detail-oriented Computer Science Engineering student with a strong foundation in Python, C, and Data Structures. Passionate about problem-solving. Web development, and emerging technologies such as Artificial Intelligence (AI) and Machine Learning (ML). Skilled in team collaboration, effective technical communication, and structured coding approaches. Currently expanding knowledge in cloud computing (AWS) and JavaScript (React.js).

Education

SR University , Telangana , India   **2023-2027**
Bachelors in Computer science and engineering   *CGPA* : 6.7/10

SR Junior college for boys , Telangana , India   **2021-2023**
Intermediate [MPC]   *Percentage* : 61.1%

Teja International High School , Telangana , India   **2021**
SSC   *GPA* : 10/10

Technical Skills

- **Programming Languages:** C, Python

- **Web Development:** HTML, CSS, JavaScript

- **Frameworks & Tools:** VS Code, Flask, Git

Academic Projects

Symptoms-Based Disease Prediction

- Developed a **machine learning**-powered web application to predict diseases based on user-input symptoms.

- Utilized **Flask & Python** for backend and **HTML, CSS** for frontend development.

- Implemented **decision tree algorithms**, achieving **85% prediction accuracy**.

Smart Edu-Hub

- Designed a dynamic **web platform** to facilitate student-teacher interaction.

- Integrated features for **collaboration, communication, and resource sharing**.

- Developed using **JavaScript, HTML, and CSS**, ensuring a responsive user experience.

Soft Skills

- Team Leadership & Collaboration
- Effective Communication (Fluent in English, Telugu, Hindi)
- Problem Solving & Critical Thinking
- Time Management & Adaptability

Certifications

- Data Structures & Algorithms Using C, Python - *SoloLearn*
- *Completed a Python Programming Internship at Internpe.*
- *Earned a certificate in Data structures at HackerRank.*

INTERNSHIPS

Python Programming Internship - Internpe

- **Developed efficient Python scripts for real-world applications**
- **Gained hands-on experience in API development, data handling, and automation**
- **Improved problem-solving skills by tackling structured coding challenges**
- **Designed and developed games like Snake Game, Tic Tac Toe, and Four Game using Pygame**
- **Developed game logic, UI design, and handled animations**
- **Optimized game performance and enhanced user experience**

Languages Known

- English, Telugu, Hindi