SOWMYA TEJA JITTE

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PROFILE:

I'm a 4th year student pursing B.tech in computer science and technology(IOT). I'm particularly interested in web technologies and seeking for a internship opportunity where I can apply my skills, learn from real world challenges.

EDUCATION:

Bachelor of Engineering (B.E) in Computer Science Engineering	*2022 to 2026*
(Internet of Things & Cyber Security Including Block Chain Technology)	*CGPA 7.3/10*
Chaitanya Bharati Institute of Technology (Autonomous), (CBIT), Hyderabad	
Affiliated to **Osmania University (OU), Hyderabad**, Telangana, India.	
Intermediate (+2) from Meluha international school; Hyderabad,	*2020 to 2022*
affiliated to **Central Board of Secondary Education , Gandipet, Hyderabad**, Telangana, India	
	CGPA 7.8/10
CBSE (10th)	*2020*
Vikas The Concept School. Miyapur ,Bachupally, Hyderabad	
(CBSE)	*CGPA 7.5/10*

SKILLS:

- **Programming Languages:** Python, Java, SQL

- **Web Technologies:** HTML, CSS

- **Tools & Frameworks:** OOP in Python, Machine Learning, Ethical Hacking

PROJECTS:

- IOT Based noise detection and automated alert system- Designed an ESP32 based iot system to detect loud noises and visually alert deaf individuals using LED indicators. -Integrated Twilio PI to send real time SMS alerts to caregivers for enhanced safety and emergency awareness.

- Personal portfolio website development.

- Conducted security analysis and exploited vulnerabilities such as all types of XSS.

- AI Powered Resume Analyzer serves as a virtual HR assistant providing: - Detailed resume evaluation, including strengths and weaknesses. – suggestions for skill improvement and recommended courses.

- Vulnerability Assessment: -Set up and configured windows virtual machine on virtual box. – Installed and configured Nessus vulnerability scanner on the windows VM. – Conducted comprehensive vulnerability scans using Nessus, including credential scans. -Identified and analyzed vulnerabilities in the system and installed vulnerable software foe testing purposes. – Developing and implemented effective remediation strategies to address identified vulnerabilities.

- WeatherAPI .- Developed a responsive weather application that fetches and displays real-time temperature data based on user input. Integrated the WeatherAPI to retrieve live weather conditions, including temperature, location. Implemented with HTML, CSS, and JavaScript, the app allows users to search for any city and instantly view updated weather information.

CERTIFICATIONS:

- Certification in Web Development from Internshala Trainings.

- Certification in Java Foundation from Infosys Springboard

- Certification in Artificial Intelligence and Machine Learning from YBI Foundation

ACHIEVEMENTS:

- Organised in paper presentation in Cybernexa Club .
- Participated in Throwball , volley ball CBIT Tournaments.