# SAHASRA TEJA GUNDAGANI

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## PROFESSIONAL SUMMARY

Motivated Software Engineer with experience handling technical challenges and supporting end-to-end tasks in dynamic environments. Demonstrates strong troubleshooting skills, attention to detail, and a disciplined approach to documentation and execution. Adapts quickly to new tools, workflows, and technologies while consistently contributing to team goals. Seeking an opportunity to grow and deliver impactful solutions.

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering (AI&ML)**    2022 - Present
JNTUH University College of Engineering Manthani, Hyderabad. CGPA -**8.0**

**TSBIE, Intermediate**    2022
VijayaRatna Junior College, Hyderabad, **87.9%**

**SSC, Class X**    2020
St. Francis de Sales High School, Hyderabad. GPA -**10.0**

## TECHNICAL SKILLS

| | |
|---|---|
| **Programming** | Python, Java, C++, JavaScript |
| **Core CS** | DS & Algorithms, OOP, SDLC, Software Testing Fundamentals |
| **Testing & Automation** | Selenium, TestNG/JUnit (Basics), Postman, PyTest |
| **Database & Tools** | SQL, Git/GitHub, CI/CD Basics, VS Code, IntelliJ, Jupyter |
| **Software Engineering Practices** | Code Review, Debugging, Validation & Verification, Performance Testing |

## PROJECTS

### A SCREENING APPROACH FOR METS
Built ML models to predict MetS risk using patient clinical data for early detection and preventive insights.
**Tech Stack:** Python, Pandas, Scikit-Learn, Jupyter Notebook

### INTELLIGENT HEALTHCARE ASSISTANCE SYSTEM
Developed a platform connecting patients, donors, and NGOs to enable transparent medical support and fund allocation.
**Tech Stack:** HTML, CSS, JavaScript, Python (Flask), MySQL

### TEXT TO SPEECH CONVERTER
Created a Python app using gTTS and pyttsx3 with a Tkinter UI for customizable voice selection and speech rate control.
**Tech Stack:** Python, gTTS, pyttsx3, Tkinter

## CERTIFICATIONS

Python, Problem Solving-HackerRank
Data Science-IBM

## SOFT SKILLS

Problem-Solving
Communication
Team Collaboration
Continuous Learning

## EXTRA CURRICULARS

Member of SPICMACAY.
College Badminton Champion.