

Padala Harika Vani

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Professional Summary

Final-year **B.Tech CSE (AI & ML)** student skilled in **Python, Java, SQL, Machine Learning** with hands-on experience in **AI/ML Projects**. Looking for an opportunity to start a career in IT and apply my skills while learning new technologies.

Education

Aditya College of Engineering and Technology, Surampalem
B.Tech in Computer Science and Engineering (AI & ML Specialization)
CGPA: 7.6 / 10

Expected 2026

Skills

Programming: Java, Python
Web Technologies: HTML, CSS
Databases: SQL, NoSQL
AI/ML : Machine Learning, Prompt Engineering
Core Skills: Problem-Solving, Analytical Thinking, Aptitude, Reasoning, Verbal Ability

Projects

AI Chatbot

Led a team of three volunteers in collecting feedback from 50+ users on chatbot performance, using findings to prioritize improvements and enhance user experience.

Medical Insurance Cost Prediction

Built a predictive ML model using Scikit-learn and Pandas to estimate insurance costs based on health and lifestyle factors.

Personal Portfolio Website

Developed a clean, fast, and fully responsive portfolio highlighting projects and certifications; integrated contact links and resume download.

Internships

APSSDC – AIML Internship

Developed and deployed a CleanTech project using transfer learning to improve waste segregation, resulting in a 30% reduction in landfill waste and 20% improvement in recycling efficiency.

Technohacks – Front-End Developer Internship

Created a performance reporting template, achieving an 80% reduction in the preparation time of standard client materials.

APSSDC – Data Analysis using Python

Conducted data preprocessing, visualization, and predictive modeling for the Medical Insurance Cost Prediction project. Applied Python libraries (Pandas, Matplotlib, Scikit-learn) to extract insights and build regression models .

Certifications

Python Programming – Udemy
Programming in Java – NPTEL (12 Weeks)
SQL – Great Learning
HTML & CSS – Infosys Springboard
Prompt Engineering (Basics) – Coursera

Extra Curricular Activities

1. Participated in Eurogrip TORQ Challenge and Traya Health Case Study (Unstop).
2. Attended **Google Developers Club Tech Conference** (college-hosted) and attempted **AINCAT Exam (Naukri)**.
3. Represented college in **Kho-Kho Sports Competition**, showcasing teamwork and discipline. .