

# Padala Harika Vani

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## Professional Summary

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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

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**Aditya College of Engineering and Technology, Surampalem**

Expected 2026

B.Tech in Computer Science and Engineering (AI & ML Specialization)

CGPA: 7.6 / 10

## Skills

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**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

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### 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

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### 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

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Python Programming – Udemy

Programming in Java – NPTEL (12 Weeks)

SQL – Great Learning

HTML & CSS – Infosys Springboard

Prompt Engineering (Basics) – Coursera

## Extra Curricular Activities

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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.