

Varikuntla Sai Manoj

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👤 VARIKUNTLASAIMANOJ

EDUCATION

B.Tech Computer Science and Engineering - AIML	<i>Malla Reddy University</i>	<i>Sept 2022 – June 2026</i>
Intermediate Education	<i>Narayana Junior College</i>	<i>CGPA: 7.94/10</i>
Secondary Education	<i>Gowtham Model School</i>	<i>2020 – 2022</i>
		<i>Marks: 788/1000</i>
		<i>2020</i>
		<i>CGPA: 9.7/10</i>

PUBLICATIONS

AI-Powered Shopping Assistants Using Sentiment Analysis	<i>Apr 2025</i>
Prof. Sabyasachi Chakraborty, V. Sai Manoj, Tejaswi Mahadev, U. Pranay Reddy, T. Vishal Prem, T. Vamshi Krishna	
10.56025/IJARESM.2025.1304252562 ↗	

SKILLS

Programming Languages: Python, Java

Data Analytics & ML: Pandas, Numpy, Matplotlib, NLP

Frontend Development: HTML, CSS, Streamlit, React.js

Databases: MySQL

AI Frameworks & Concepts: RAG, LangChain, API Integration

Tools & Technologies: Git, GitHub, Postman, PowerBI, Google Cloud Platform (GCP)

PROJECTS

ShopScribe - AI-Powered Shopping Assistants Using Sentiment Analysis	<i>ShopScribe</i> ↗
○ Developed an AI-powered Streamlit web app integrating Firecrawl API, Google Gemini, and VADER Sentiment to scrape and analyze product listings from Amazon, Flipkart, and Myntra.	
○ Delivered real-time sentiment insights, trend visualization, and aspect-based analysis for structured e-commerce intelligence.	

Flora-ID(Iris classification)	<i>Flora-ID</i> ↗
○ Developed an ML-based Iris flower classification system using supervised learning on sepal and petal features, enabling real-time species prediction and visualization.	
○ Showcased model implementation, feature handling, and interactive output for intelligent botanical identification.	

Nova-AI	<i>Nova-AI</i> ↗
○ Developed Nova AI, an intelligent chatbot using the Google Gemini API with voice input, text-to-speech, PDF processing, and real-time weather integration.	
○ Implemented custom AI personas, smart reply suggestions, and multimodal interaction to deliver personalized, real-time conversational experiences.	

CERTIFICATIONS

- Coursera – Introduction to Python Programming
- Coursera – Introduction to Data Analytics
- Postman – API Fundamentals Student Expert

ACHIEVEMENTS

- Secured 2nd Prize in National Level Hackathon Conducted By Malla Reddy University
- AgentX 24-Hour Innovation Hackathon Winner (Business Automation), Anurag University, Salesforce; designed and implemented an AI-driven customer onboarding & CRM workflow using Agentforce and Data Cloud.
- Helped coordinate a university sports event by supporting planning, managing logistics, and working with teams to ensure the event ran smoothly