VELAGALA SANJEEV REDDY

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Professional summary

Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning with hands-on experience in data-driven projects involving NLP, predictive modeling, and chatbot development. Proficient in Python, Power BI, and key ML libraries. Strong foundation in analytical thinking, problem-solving, and team collaboration, with leadership experience in organizing large-scale campus events.

Education

• B.Tech in Computer Science in AIML, SRM University, Kattankulathur (Sep 2022 – Present) | CGPA: 7.89
• Class 12, Oakridge International School, Visakhapatnam (2022) | Percentage: 72.2%
• Class 10, Oakridge International School, Visakhapatnam (2020) | Percentage: 73.2%

Technical Skills

• Languages: Python, SQL, HTML, CSS
• Libraries/Tools: Pandas, NumPy, Scikit-learn, TensorFlow, Streamlit, Power BI
• Core Skills: Data Analysis, Machine Learning, NLP, Data Visualization, Predictive Modeling, Deep Learning

Projects

• Resume Parsing System

  o Developed a scalable system that processes up to 1000 resumes and ranks them based on job roles using NLP.
  o Features include resume uploading in bulk (ZIP) and output as a ranked CSV for HR filtering.

• AI-based Symptom Checker with Ayurvedic Home Remedy Recommendation

  o Built a hybrid AI system integrating Groq API for disease prediction and rule-based decision trees for remedy recommendation.
  o Created a custom dataset of 70 diseases.

• MyBuddy.ai – PTSD Support Chatbot

  o Designed a sentiment-aware chatbot using LLaMA 3.2 LLM to assist PTSD patients.
  o Enabled empathetic responses, enhancing comfort and trust for users seeking mental support.

Certifications

• Data Analytics Job Simulation – Deloitte Australia via Forage (2025)
• DBMS Course – Scaler (2024)
• Machine Learning Foundations – AWS (2023)
• Introduction to NLP – Great Learning (2025)

Leadership & Extracurriculars

• Committee Head – Hospitality Domain, Directorate of Student Affairs, SRM: Responsible for coordinating hospitality operations for events including guest, judge, and VIP management. Led efforts for dignitary needs and event support (Milan, Shuru, Jalak).
• House Captain – School Level Leadership Role

Achievements

• Advanced to Round Two – DS Hack 2.0 Hackathon
• Best Project Award – TechKnow 2022–2023 (Evaluated by Expert Technical Committee)
• Gold Medalist – SOL Math Olympiad