Sasidhar Reddy Tallapureddy

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Education

GMR Institute of Technology, Rajam   *Nov 2022 – May 2026*
Bachelor of Technology in Computer Science and Engineering

- CGPA: 9.2/10.0
- Core Subjects: Data Structures, DBMS, Machine Learning, Artificial Intelligence

Internships

Community Impact Project – Volunteer Educator   *June 2024 – July 2024*
Government School Initiative

- Led a 4-week on-ground program, teaching essential communication skills and foundational concepts in AI, programming, and digital literacy to 200+ school students.
- Designed and delivered engaging, beginner-friendly content to spark curiosity and help students explore emerging technologies with confidence.

Projects

Mental Health Risk Prediction   *github.com/Sasidhar* ↗

- Technologies: Python, DistilBERT, BiLSTM, HuggingFace Transformers, Pandas, Scikit-learn
- Developed a pipeline to predict Big Five personality traits using a DistilBERT-based regressor and classify mental health risk (Low/Mid/High) using a BiLSTM model.
- Improved risk classification accuracy through MBTI-based personality profiling and optimized feature engineering techniques.

Sentiment Analysis for Marketing   *github.com/Sasidhar* ↗

- Technologies: Python, NLTK, Scikit-learn, DistilBERT, HuggingFace Transformers, Altair
- Analyzed Amazon video game reviews using dictionary and neural models to uncover customer preferences.
- Built and evaluated models to identify liked and disliked features in video games, aiding targeted marketing strategies.

Automated Car Catalog System   *github.com/Sasidhar* ↗

- Technologies: ServiceNow, JavaScript, Flow Designer, Service Catalog
- Automated catalog management and approval workflows to streamline car showroom operations.
- Enhanced operational efficiency by reducing manual errors and improving customer request handling.

Skills

- **Languages:** Python, HTML, CSS, JavaScript, SQL, C++
- **Tools & Technologies:** TensorFlow, Keras, OpenCV, NumPy, Pandas, ServiceNow
- **Productivity Tools:** Microsoft Word, Excel, PowerPoint
- **Soft Skills:** Communication, Teamwork, Leadership, Problem Solving

Certifications

- Certified Application Developer – by ServiceNow (June 2025)
- Certified System Administrator – by ServiceNow (Jan 2025)
- SQL Basics to Intermediate – by HackerRank (Dec 2024)
- Python Data Analyst – by Cisco (Jan 2024)

Awards & Achievements

- Maintained a consistent CGPA of 9.2+ throughout B.Tech in Computer Science and Engineering.
- Solved over 100 problems on LeetCode, strengthening problem-solving and algorithmic skills.
- Won multiple college-level technical and innovation events.