

GURRAM VENKATA LAKSHMI SRAVANTHI

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Education

- **B.Tech in Computer Science** – VIT-AP University, Amaravati (July 2022 – Present)
CGPA: 9.36
- **Intermediate (MPC)** – Sri Chaitanya Junior College, Vijayawada (June 2020 – May 2022)
Percentage: 98.1%, JEE Percentile: 95.2

Skills

- **Programming Languages:** Java, SQL, Python
- **Problem Solving:** Data Structures and Algorithms, Low-Level Design
- **Core Subjects:** OOP, DBMS, Computer Networks, Operating Systems
- **Libraries and Tools:** Scikit-learn, TensorFlow, Pandas, Matplotlib, Streamlit
- **Technologies:** AWS, Machine Learning, Deep Learning

Projects

Cyber Threat Detection in Industrial IoT Environments

May–June 2025

FarmFlow & Edge-IIoTset

- Focused on identifying effective models for detecting cyber attacks in smart agriculture and industrial systems using real-world datasets like FarmFlow and Edge-IIoTset.
- The goal was to evaluate models capable of detecting various types of threats in real-time.
- Actively contributed to evaluating models on the Edge-IIoTset dataset, which contains multiple types of cyber attacks, to classify and detect threats in industrial IoT environments.
- **Tech Stack:** Python, Scikit-learn, River, Matplotlib
- **Datasets:** FarmFlow, Edge-IIoTset

Liver Disease Prediction using Machine Learning

July–Aug 2024

- Collaborated on building a web-based tool to predict liver disease using supervised machine learning models and structured medical data.
- Responsible for data preprocessing, model training, and evaluation to identify the most accurate classifier.
- Achieved 78% accuracy with the best-performing model and contributed to integrating it into a Flask-based web interface.

Certifications

- **AWS Certified Cloud Practitioner** (June 2025)
Demonstrated foundational understanding of AWS Cloud concepts, services, billing, security, and Identity and Access Management (IAM) principles.
- **AI using Google TensorFlow** – SmartInternz (June–Aug 2024)
Gained practical experience in developing and training machine learning models using TensorFlow, including data preprocessing and model evaluation.

Extra-Curricular / Leadership Skills

- Led a team for the ECS project: *Footstep Power Generator*, managing the overall progress and team-work.
- Active member of Kalki, a non-technical club, involved in organizing cultural and student engagement activities.
- Consistently solved 300+ coding problems on LeetCode and earned 6 achievement badges to strengthen problem-solving skills.
LeetCode Profile: leetcode.com/u/sravanthigurram955