GURRAM VENKATA LAKSHMI SRAVANTHI

📞 9550780499 | ✉ sravanthigurram955@gmail.com | ‹/› LeetCode

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

Evaluating Machine Learning Models in Cyber Security — *May–June 2025*
Datasets: FarmFlow & Edge-IIoTset

- Developed and evaluated a suite of machine learning models to detect cyber attacks in smart agriculture and industrial systems.
- Analyzed model performance on the Edge-IIoTset dataset to classify and detect multiple types of threats, strengthening security in industrial IoT environments.
- **Tech Stack:** Python, Scikit-learn, River, Matplotlib

Python Application to Detect Liver Disease — *July–Aug 2024*

- Engineered a web-based predictive tool using Flask and supervised machine learning to detect liver disease from structured medical data.
- Spearheaded the data science pipeline, including data preprocessing, model training, and evaluation to identify the most accurate classifier.
- Achieved **78% accuracy** with the best-performing model, demonstrating a strong ability to build and deploy effective ML solutions.

Certifications

- **AWS Certified Cloud Practitioner** — *June 2025*
  - Gained foundational knowledge of AWS core services (EC2, S3, EBS), networking (VPC, Security Groups), and security (IAM).
- **AI using Google TensorFlow** – SmartInternz — *June - Aug 202*
  - Acquired 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 project timelines and fostering effective teamwork.
- Organized and actively participated in cultural and student engagement activities as a member of Kalki, a non-technical club.
- Served as a Student Coordinator for the Top Coders Test, ensuring the effective and well-organized execution of the event.
- Solved **300+ coding problems on LeetCode** and earned 6 achievement badges, demonstrating strong problem-solving and algorithmic skills.