SRIRAM GOLI

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EDUCATION

Institute of Aeronautical Engineering, Hyderabad, India Expected graduation: May 2026
B.Tech in Computer Science and Engineering (Artificial Intelligence and Machine Learning) GPA: 8.87/10.0

Sri Chaitanya Junior College, Hyderabad June 2022
Intermediate Percentage: 97.5

Sacred Heart High School, Godavarikhani March 2020
Secondary Education GPA: 10/10

TECHNICAL SKILLS

Programming Languages: Java, Python, C++
Tools: Git ,GitHub, Pandas, GitHub copilot, Visual Studio Code, IntelliJ IDEA.
Coursework : Data Structures and Algorithms, Operating Systems, Computer Networks.
Front-End: HTML, CSS, JavaScript, ReactJS.
Back-End : Spring Boot, Hibernate, Restful APIs.
Databases: MySQL, MongoDB.
Cloud: AWS (EC2, S3, Lambda, Amazon CloudWatch, Amazon RDS, AWS IAM)

INTERNSHIPS

Edunet Foundation
AI Virtual Intern Dec 2024 - Feb 2025
- Completed an AI-focused internship under the TechSaksham initiative by Microsoft and SAP, implemented by Edunet Foundation.
- Gained practical experience in AI concepts and applications, including real-world use cases and problem-solving
- Received certification endorsed by Microsoft, SAP, AICTE, and Edunet Foundation, demonstrating industry-aligned skills in Artificial Intelligence.

PROJECTS

Plant Disease Detection using CNN model (Github link) Oct 2024 - Nov 2024
- Developed a CNN-based plant disease detection model using **TensorFlow and Keras**, achieving high accuracy in classifying plant diseases from leaf images.
- Implemented image preprocessing and augmentation techniques to improve model generalization, enabling real-time disease detection for agricultural applications.
- Developed an AI-driven real-time disease detection system, improving agricultural disease diagnostics with CNN-based image processing.

Crime Prediction and Analysis using MLP(Github link) Jan 2025- Feb 2025
- Developed a crime prediction and analysis model using **Multilayer Perceptron (MLP) and XGBoost**, leveraging time, date, and geolocation data to classify crime types with **90.43% accuracy.**
- Optimized data preprocessing, feature selection, and model tuning to enhance predictive performance, aiding law enforcement in proactive crime prevention strategies.
- Provided actionable crime insights using MLP & XGBoost, increasing crime prediction accuracy to 80.43%, aiding real-world crime analysis.

Jouranl Application using SpringBoot and Maven(Github link) May 2025- Jun 2025
- Developed backend for a journal application using **Spring Boot** and **Maven**, following MVC architecture.
- Implemented **RESTful APIs** to perform CRUD operations on journal entries.
- Integrated **MongoDB (local)** as the database for efficient NoSQL data storage.

CERTIFICATES

Certificate on Cloud Foundations & Architecting - AWS Academy - (Certifiacte link)
Certificate on Data Engineering - AWS Academy - (Certificate link)
Certified in Python, Java & Problem Solving - (Certificate link)
Certificate on Frontend Development - Great Learning - (Certificate link)

CODING PROFILES

LeetCode: 300+ Problems Solved & Rank – 261987- (profile link)
Hacker Rank: 200+ Problems solved & 5 Badges - (profile link)
GeeksforGeeks:100+Problems solved & Institute rank-270 - (profile link)