

S LAKSHMI SAI MALLESWARA RAO

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Address: Eluru, Andhra Pradesh

Professional Summary

Enthusiastic and dedicated AIML student with a foundation in artificial intelligence and machine learning. Eager to contribute to innovative ML engineering teams, leveraging academic knowledge and practical experience to deliver innovative solutions.

Education

Bachelors in Computer Science & Engineering

Kalasalingam University, Tamil Nadu

Aug 2021 – Present

CGPA: 8.11/10

Intermediate

Narayana Junior College, Eluru, Andhra Pradesh

May 2019 – Mar 2021

CGPA: 9.67/10

Matriculation/SSC

ELITE Public School, Dubacherla, Andhra Pradesh

Jun 2018 – May 2019

CGPA: 10/10

Projects and Training

Automated Violence Recognition using YOLO & AI

Nov 2024

- Developed an automated system for violence recognition using AI, enabling real-time detection of violent activities in video feeds.
- Integrated a real-time alert feature that sends email notifications to authorities when violent activities are detected, enhancing security monitoring and response efficiency.
- Skills: Python, YOLOv8, OpenCV, TensorFlow, Flask, SMTP Integration, Real-time Video Processing

Crop Recommendation System Using Machine Learning

Apr 2024

- Developed a machine learning-based system to recommend optimal crops based on soil, weather and environmental conditions.
- Implemented data-driven algorithms for accurate prediction, using historical and real-time data for better agricultural planning.
- Skills: Machine Learning, Python, Data Analytics, Agriculture Data, Model Evaluation

Skills

Languages: Python, HTML, Java(Basic)

Frameworks: Numpy, Pandas, Tensorflow, PyTorch

Tools: Git, Visual Studio

Technical: Machine Learning, Deep Learning

Databases: SQL

Patents & Publications

Sentiment and Context-Aware Recurrent Convolutional Neural Network for Sentiment Analysis

Oct 2023

2023 3rd Asian Conference on Innovation in Technology (ASIANCON)- IEEE Conference

<https://ieeexplore.ieee.org/document/10270289>

Certifications

Image Segmentation with Pytorch

Deeplearning.ai

Machine Learning with Python

Open Source Society

Academics Accomplishments

Software Freedom Festival (OSS)

Finalist – Dec 2023

- In this hackathon Developed a Blood Bank Availability Platform.

Code Combat

Qualified for Finale – Nov 2022

- Competition with Higher Level programmers in terms of Competitive Programming.

Project Expo by IEEE

Participant – Sept 2022

- In this Expo showcased a cross-platform Application for Farmers.

Professional Networks

- LinkedIn : <https://www.linkedin.com/in/s-l-s-malleswara-rao>
- GitHub URL: <https://github.com/Sai1304>