KOUSHIK ASRITH MULAVISALA

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in linkedin.com/in/koushik-asrith   ⌗ github.com/koushikasrith Portfolio

CAREER OBJECTIVE

Aspiring Machine Learning Engineer and Computer Science student with a solid foundation in Python, machine learning algorithms, and model deployment. Passionate about building intelligent, data-driven solutions that solve real-world problems. Seeking an entry-level role or internship to apply ML and data science skills, contribute to collaborative agile teams, and grow in a dynamic, innovation-focused environment.

TECHNICAL SKILLS

Programming Languages: Python, Java, C++.
ML-Libraries: scikit learn,tensorflow.
Front end: Streamlit,Flask,Netfity
Databases: MySQL, MongoDB
Core Concepts: Data Structures, Algorithms, OOP, OS, DBMS

EXPERIENCE

Blackbucks Virtual Intern   June 2025 – July 2025

- Completed an internship at **Blackbuck Engineers**, gaining hands-on experience in **AI** and **Machine Learning** by working with real-world datasets, implementing supervised and unsupervised algorithms, and developing end-to-end solutions using **TensorFlow**, **Keras**, and **scikit-learn**.

PROJECTS

Crop Recommendation System with Machine Learning   GitHub   —   Live Demo

- Developed a crop recommendation web app using **Flask** and **scikit-learn**.
- Trained and deployed ML models on agricultural datasets for accurate predictions.
- Designed a simple UI to collect inputs like Nitrogen, Phosphorus, pH, and Temperature.

Heart disease prediction with Machine Learning   GitHub

- Built and evaluated multiple ML models (Logistic Regression, Decision Tree, Random Forest, KNN, Naive Bayes) using **scikit-learn**.
- Compared model performance using preprocessing, confusion matrices, ROC curves, and key metrics like accuracy, precision, and F1-score.
- Identified **Random Forest** as the top-performing model based on evaluation results.

EDUCATION

Sagi Rama Krishnam Raju Engineering College   *2022 – 2026*
B.Tech in Computer Science and Engineering (CGPA: 8.52)   Bhimavaram, AP

Narayana Junior College   *2020 – 2022*
Intermediate in M.P.C Stream (Percentage: 90.0%)   guntur, AP
Sarada High School   *2019-2020*

Secondary school of education (Percentage: 95.2%)   parchur, AP

ACHIEVEMENTS

Solved 230+ coding problems on LeetCode ⚯.
Solved 130+ coding problems on Geeks for Geeks ⚯.

CERTIFICATIONS

Python for data scinece:NPTEL ⚯
Introduction to Data Science:EDX ⚯
Programming Essentials in Python – Cisco ⚯
ML-Connect: Workshop conducted on machine learning basics — ⚯