KOWLURI ANIRUDH

kowlurianirudhrao417@gmail.com 9381214923 anirudh-rao-142b2331a anirudhkowluri

SUMMARY

A Passionate and results-oriented Machine Learning and Data Science enthusiast with practical experience in designing, developing, and deploying effective machine learning models. Proficient in utilizing data-driven insights to address complex challenges and foster organizational growth. Committed to continuous learning and staying updated with the latest advancements in AI, I excel in dynamic environments that value innovation and teamwork. I aspire to contribute my technical expertise and analytical skills to a forward-thinking organization, supporting the development of innovative solutions that create meaningful impact.

WORK EXPERIENCE

ELEVATE LABS Sep 2025 - Nov 2025

AI-ML ENGINEER INTERN

- Completed ten end-to-end AI/ML projects covering data preprocessing, exploratory analysis, and feature engineering.
- Built and evaluated models using Regression, SVM, Random Forest, and neural networks.
- Applied NLP techniques—including TF-IDF, word embeddings, and text classification.
- Deployed an interactive Streamlit app for real-time AI inference.
- Developed a Fake News Detection System utilizing machine learning and deep learning approaches.

DEVTOWN March 2023 - Jun 2023

Datascientist intern

- Leveraged machine learning expertise to create and deploy predictive models for a COVID-19 case forecasting project, resulting in a 25% increase in prediction accuracy.
- Performed comprehensive data analysis and visualization to identify hidden trends and patterns, delivering actionable insights that enhanced IMDB's data-driven decision-making capabilities by 30%

EDUCATION

Sreyas Institute of Engineering and Technology Dec 2020 - Sep 2024

B.TECH(ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) - 6.9

PROJECTS

Fake-News Detector Sep2025 - Oct 2025

- Developed a Fake News Detection System leveraging Natural Language Processing (NLP), Machine Learning, and Deep Learning.
- I handled end-to-end development — from data preprocessing and TF-IDF vectorization to training models such as Logistic Regression, Naive Bayes, and Neural Networks.
- Achieved 92% model accuracy in classifying fake vs. real news.
- Built and deployed the model using Streamlit for real-time prediction.
- Improved model efficiency through hyperparameter tuning and optimized preprocessing.

Restaurant Reviews Jan 2024 - Feb 2024

- Compared 4 machine learning models, including SVC, logistic regression, multinomialNB, and GauseNB, to identify the best model for sentiment analysis of restaurant reviews.
- Utilized NLP techniques to analyze sentiment of restaurant reviews, achieving an accuracy rate of 75% using the best-performing model.

Email-classifier-using-SVM April 2025 - May 2025

- SVM model was trained on a dataset with 569 samples and 30 features, achieving an accuracy of 97.66% on the test set.
- Comprehensive preprocessing included label encoding and feature scaling, ensuring model robustness and generalization.
- Performance evaluation using a confusion matrix and classification report confirmed high precision and recall, supporting its reliability for binary classification tasks.

SKILLS

- Programming Languages: Python
- Machine Learning & AI Tools: Machine Learning, Scikit-learn, Pandas, Numpy, Deep learning
- Data Analysis & Visualization Tools: Statistical Analysis, Matplotlib, Seaborn, Tableu
- Databases: MYSQL
- Version Control & Tools: Git, GitHub

CERTIFICATE

Python Programming bootcamp

IBM Machine Learning Specialist - Associate

Data Science and Machine Leaning Basic to Advanced

Deloitte Data Analytics Virtual Job Simulation

Introduction to Tableau

IBM SQL and Relational Databases 101