SNEHA KOKKILIGADDA

+919392971963 snehakokkiligadda9@gmail.com linkedin.com/in/sneha-kokkiligadda-228144255/
github.com/snehakokkili

Education

Degree	Specialization	Institute	Year	CGPA/Percentage
B.Tech	Computer Science & Engineering	VIT-AP UNIVERSITY	2021–2025	8.5/10.0
BIEAP	Physics, Chemistry, Mathematics	Sri Chaitanya	2019–2021	92.7%
BSEAP	Physics, Chemistry, Mathematics	DR.KKR Gowtham School	2017–2019	9.7/10.0

Experience

VIT-AP UNIVERSITY **Aug 2024 – Dec 2024**

Research Sentiment Analysis of YouTube Comments

- Proposed and Composed a robust deep learning system combining BERT, LSTM, and GRU architectures for sentiment analysis of YouTube comments and video transcripts, achieving 74% accuracy for comments and over 97% accuracy for transcript classification.
- Enhanced sentiment classification models for YouTube data by employing tokenization, lemmatization, and stop word removal techniques, boosting F1-scores by 15% and improving sentiment analysis reliability.

Project

Product Rating and Review website | *MERN Stack*

- Designed and deployed a scalable product rating and review system using the MERN stack, processing 500+ reviews per day in sentiment analysis, increasing user trust.
- Implemented secure user authentication (JWT), product search/filter, and real-time review updates, with efficient data handling in MongoDB for scalability.
- Controlled an admin dashboard for managing products and users, ensuring data privacy, session management, and smooth user experience.

Intrain Tech AIML (Stock Price Prediction) | *Python,Deep Learning Frameworks,Data Processing*

- Collected and cleaned 10 years of historical stock data (2013-2023) from Yahoo Finance, applying feature scaling using MinMaxScaler for Upgraded model accuracy.
- Planned and trained 7 machine learning models, including LSTM, Linear Regression, Random Forest Regressor, Gradient Boosting Regressor, SVR, KNN, and Logistic Regression, achieving an R-squared of 0.9 and reducing RMSE by 15% across various datasets
- Created an intuitive interface within the Streamlit framework facilitating user interaction with stock selections, providing immediate access to trained predictive models utilizing Plotly charts which drove deeper engagement from 50+ beta testers.

YouTube Summarization | *NLP*

- Organised an automated NLP pipeline for transcribing and summarizing educational YouTube videos, converting lengthy lectures into structured study notes to enhance learning efficiency.
- Engineered a user-friendly web interface enabling instant video summarization via URL input, improving accessibility and reducing study time for video-based learners.

Technical Skills

Programming: Java,python(familiar)
Databases: MongoDB, MySQL
Tools: Github, VS Code, Google Colab,Jupyter Notebook,GitHub ,Streamlit
Development: HTML, CSS, JavaScript, Flask, React.js, Node.js, Express.js
Computer Science Fundamentals: DBMS, Object-Oriented Programming,Data Structures and Algorithms

Certification

AWS Cloud Practitioner Link **Issued On: Jan 2024**

- Covered AWS Cloud concepts, global infrastructure, core services (EC2, S3), security, pricing, and support models.

Intrain Tech AIML (Stock Price Prediction)Link **Issued On: Apr 2024**

Achievements

- Spearheaded a student-led mentorship program within the Computer Society of India (CSI), pairing 50+ senior students with junior members, resulting in a 20% increase in club members.
- Fortified analytical mindset through consistent engagement with coding platforms; solved 10+ diverse algorithm problems weekly on LeetCode, contributing to improved performance in competitive programming.
- Secured a Top 25 ranking in the Neo-Codethon 2024 coding challenge at VIT-AP, showcasing proficiency in data structures and algorithms, and outperforming 90% of participants without prior experience.