SNEGHATHARINI R

Data Analyst

Contact

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Objective

Enthusiastic and detail-oriented IT student with a strong foundation in software development and data science. Seeking an entry-level opportunity to apply technical knowledge and grow in a dynamic professional environment.

Education

B.Tech Information Technology |Christian College Of Engineering and Technology,Oddanchatram| 2021-2025 |CGPA:8.1

HSC & SSC-StateBoard | Holy Cross Convent Matriculation Higher Secondary School,Dindigul | HSC:85% | SSC:85%

Technical Skills

- Programming languages: Python, Java, Java Script
- Web Technologies: HTML, CSS
- Database Technologies: MySQL, MongoDB
- Other: Data Science, Machine Learning

Soft Skills

- Time Management
- Problem Solving
- Communication
- Team Collaboration

Projects

Chat Application (MERN Stack)

- Built a full-stack one-to-one chat app with login/signup security.
- Technologies: MongoDB, Express, React, Node.js, HTML, CSS.
- Supports web and mobile UI, with broadcast and individual chat features.

Text Similarity Detection Using Cosine Similarity and BERT Embeddings

- Developed a semantic similarity system using BERT embeddings and cosine similarity.
- Applied in areas like plagiarism detection, semantic search, and content recommendation.

TruthShield: AI-Powered Fake News & Misinformation Detector

- Designed an AI system to detect and flag fake news using NLP and ML models (LSTM, LogisticRegression,Naive Bayes).
- Used prepro cessing techniques like tokenization, lemmatization, and TF-IDF.
- Built and deployed with Streamlit for user-friendly real-time validation.

Internship

Data Science Training | VCodez (March 2025 - June 2025)

- Trained in Python, data preprocessing, visualization, and model prediction.
- Gained experience using Jupyter Notebook and Google Colab for real-world datasets.
- Developed TruthShield as a capstone project.

Certification

- Introduction to SQL - Simplilearn
- Cybersecurity Fundamentals - IBM