SOMALAPURI NAVEEN

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https://github.com/naveensomalapuri?tab=repositories

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EDUCATION

MCA

Aurora's PG College

2021-2023

GPT: 8.5

BSC (MPC's)

Bhagyaradhi Degree College

2018-2021

GPA: 9.1

LANGUAGES

English

Hindi

Telugu

SUMMARY

Data Science enthusiast pursuing an MCA degree, seeking a challenging internship opportunity to apply analytical skills, programming knowledge, and data-driven insights in a real-world setting to contribute to the success of the organization.

TECHNICAL SKILLS

- Programming Languages: **Python** (Intermediate/Advanced), **R** (Intermediate/Advanced)
- **Machine Learning**: Intermediate/Advanced
- **Deep Learning**: Intermediate/Advanced
- **LangChain:** Intermediate
- **Large Language Models:** Intermediate
- Data Analysis: **Pandas** (Intermediate/Advanced), **NumPy** (Intermediate/Advanced)
- Data Visualization: **Matplotlib** (Intermediate/Advanced), **Seaborn** (Intermediate/Advanced)
- Machine Learning Libraries: **scikit-learn** (Intermediate/Advanced), **Keras** (Intermediate/Advanced), **TensorFlow** (Intermediate/Advanced)
- Web Frameworks: **Django** (Intermediate), **Flask** (Intermediate)
- Databases: **SQL** (Intermediate/Advanced), **PostgreSQL** (Intermediate/Advanced), **MongoDB** (Intermediate)
- Data Visualization Tools: **Power BI** (Intermediate)
- **Statistics**: Intermediate/Advanced
- **DSA:** Intermediate

PROJECTS

DocuWise (Generative AI using Llama 2 7B llm)
Description:
Developed an end-to-end AI-powered web application, DocuWise, for answering questions from text documents. The project utilized advanced natural language processing techniques and cloud deployment for seamless document analysis.
Technical Details:

- Programming Languages: Python
- Frameworks: Meta Llama 7B, Langchain, Streamlit
- Natural Language Processing: Meta Llama 7B Language Model
- Data Processing: Langchain
- User Interface: Streamlit
- Cloud Deployment: Amazon AWS
- Version Control: Git

Student Math Skill Prediction (End-to-End Web App)
Description:

- Developed an end-to-end web application for predicting student math scores using machine learning models.
- Implemented a data pipeline for data ingestion, data transformation, and model training.
- Deployed the application on Amazon AWS for real-time predictions.

Technical Details:

- Programming Languages: Python
- Web Frameworks: Flask
- Machine Learning: Pandas, NumPy, scikit-learn, XGBoost, CatBoost, Gradient Boosting, AdaBoost, Random Forest
- Data Visualization: Matplotlib, Seaborn
- Data Storage: SQL, PostgreSQL, MongoDB
- Web Deployment: Amazon AWS
- Version Control: Git

GitHub Repository:
Link: https://github.com/naveensomalapuri/MachineLearningProject