TANUJA PILIMITLA

Kavali,India ✉ tanujapilimitla@gmail.com 📞 9347383823 in Tanuja Pilimitla ⬡ TanujaPilimitla

PROFESSIONAL EXPERIENCE

Machine Learning Developer Intern

- Contributed to the development of machine learning models using Python, seaborn, matplotlib and machine learning algorithms.
- Worked with large datasets to train and test models, improving accuracy and efficiency.
- Collaborated with the data science team to design and implement data pipelines and architectures.
- Participated in code reviews and contributed to the improvement of the codebase.

EDUCATION

PBR Visvodaya Institute Of Technology and Science   *NOV 2021 – MAY 2025*
BTECH in Computer Science and Engineering (Artificial Intelligence)   CGPA:9.18

SKILLS

- **Programming Languages**: Python, Java(OOPS).
- **Web Development**: HTML, CSS, Java script(Basic).
- **Developer Tools**: VS Code, Colab Notebook, Eclipse.
- **Machine learning and AI**: Pandas, Numpy, Seaborn, TensorFlow, Keras, Scikit Learn.
- **Database**: SQL.
- **Microsoft Office Skills**: Excel, Power BI.

PROJECTS

Electricity Demand and Price Forecasting   SEP 2024 - NOV 2024
- Developed a predictive model to forecast electricity demand and prices, utilizing historical data and machine learning algorithms to improve accuracy and reliability using numpy,pandas,ML algorithms.
- Implemented and compared various machine learning algorithms to optimize forecasting accuracy.
- Evaluated model performance using metrics such as MAE, RMSE, and MAPE, and refined the model through hyperparameter tuning and feature selection.

Rain Prediction   DEC 2022 - FEB 2023
- Developed a machine learning model to predict rainfall using historical climate data, improving accuracy and reliability for agricultural and environmental applications.
- Here we use Random Forest algorithm to predict rainfall.
- Developed a dashboard to visualize prediction results and provide insights into model performance and limitations.

COURSES AND CERTIFICATIONS

- Machine Learning and AI - Infosys.
- Java Full Stack Development - ExcelR Edtech.
- Tech Tip workshop for Power BI - TechTip.

ACHIEVEMENTS

1. Attended Technical Quiz at PBR Visvodaya Institute of Technology and Science,Kavali.
2. Presented a paper at NBKR Institute,VidyaNagar.