Phani Harshith Pilli

pilliharshith2823@gmail.com | +91 8309709529

EXPERIENCE

EDUNET, TECHSAKSHAM | AI Intern
Feb 2025 – Mar 2025 | Virtual Internship
- Participated in a virtual internship focused on leveraging AI for medical diagnosis. Developed a project aimed at assisting doctors in diagnosing patients more efficiently, enhancing skills in machine learning and data analysis within the healthcare sector.

PROJECTS

DISEASE PREDICTION Link
- Created a model to predict diseases like diabetes, heart disease, thyroid issues, and chronic kidney disease.
- Used datasets from Kaggle to ensure predictions are accurate.
- Utilized logistic regression and K-Nearest Neighbors (KNN) for classification.
- Tools: Python,Pandas,Numpy,Scikit-Learn.

FAKE NEWS PREDICTION Link
- Developed a machine learning model for fake news detection, achieving high accuracy by comparing Logistic Regression, Decision Tree, Gradient Boost, and Random Forest classifiers.
- Processed a labeled dataset with feature extraction and hyperparameter tuning to automate news authenticity assessment, enhancing information integrity.
- Tools: Python,Pandas,Numpy,Scikit-Learn.

ROCKS VS MINES Link
- Developed a Random Forest model to classify geological samples as "rocks" or "mine," enhancing classification accuracy through ensemble learning.
- Performed data preprocessing and feature engineering to optimize model performance on spectral data.
- Achieved over 80 precentage accuracy using cross-validation, with metrics like precision and recall to ensure reliable classification.
- Tools Used:Python,numpy,pandas,scikit-learn.

EXTRACURRICULAR ACTIVITES

PARTICIPATED-GSTN ANALYTICAL HACKATHON.
Oct-2024
- • Participated in the GST Analytical Hackathon organized by GSTN, where we worked in a team to analyze GST data and provide insights for tax compliance improvements.
- • Applied data cleaning, exploratory data analysis (EDA), and statistical techniques to draw conclusions from large datasets.
- • Developed a solution prototype and presented it to industry professionals, demonstrating strong teamwork, problem-solving, and communication skills.
- Tools Used: Python,Numpy,Pandas,scikit-learn

EDUCATION

SASI INSTITUTE OF TECHNOLOGY AND ENGINEERING
B.Tech in Computer Science and Engineering
Expected July 2026 | Tadepalligudem, Andhra Pradesh
Cum. GPA: 8.9 / 10

SKILLS

Hard Skills:
- **Programming :** Python, SQL.
- **Tools:**Git/GitHub,Excel,Jupyter.
- **Data Analysis:** Pandas,Numpy,Scikit-Learn.

Soft Skills:
- Strong Communication.
- Problem-Solving.
- Attention to Detail.

COURSEWORK
- **Python:** Scaler Topics
- **Data Analysis Using Pyhon:** IBM.
- **Data visualization Job Simulation:** Tata (Forage).

LINKS
Github: **IHarshith**
LinkedIn: **Phani Harshith**