MOUNIKA DEVI PILLI

Visakhapatnam, Andhra Pradesh

📞 +91 9182473630   ✉ mounikadevi04@gmail.com   in Linkedin   ⊙ Github   💼 Portfolio

OBJECTIVE

A skilled, competent, and diligent individual is seeking an opportunity to establish a career in an entry-level position.

EDUCATION

Gitam University   **2021 − 2023**
Masters - Data Science - CGPA - 7.4   *Visakhapatnam*
Gitam University   **2017 − 2020**
Bachelors - Computer Science - CGPA - 6.3   *Visakhapatnam*

TECHNICAL SKILLS

Programming Languages: Python, R, SQL
Data Visualization: Tableau, Power BI, Matplotlib, Seaborn
Technologies/Frameworks: HTML, CSS, MongoDB, Javascript
Developer Tools: Git, Jupyter Notebook, Canva
Advanced Analytics: Predictive Analytics and Data Mining, Machine Learning with Python, Cloud Computing, Fundamental Block Chain Technology, Artificial Intelligence
Big Data: Hadoop, Hive, Php, Pig
Excel: Advanced Excel functions and macros
DBMS: Proficient in MySQL, Oracle.
Soft Skills: Communication, Team Collaboration, Problem-Solving, Adaptability, Time Management

PROJECTS

Automated Attendance System Using Face Recognition ⧉ | Face Recognition   2023

Project Description: Developed a classroom attendance tool using multiface recognition with Python and OpenCV. Enhanced accuracy by utilizing shape, color, wavelet, and BP techniques, combined with Machine Learning and Deep Learning. The system accurately identifies multiple individuals in various conditions, reducing manual record-keeping and featuring a user-friendly interface.
Lead Developer: Led the development and implementation of the face recognition-based attendance system.
Skills Utilized: Python, OpenCV, Image Processing, Machine Learning.
Achievements: Automated attendance tracking, reducing manual effort and errors, and improving efficiency.
Impact: Enhanced attendance management, saving time and increasing accuracy in educational and organizational settings.

Email Spam Detection Using Machine Learning Algorithms ⧉ | Spam Detection   2023

Project Description: Developed an advanced spam filter using machine learning to improve email classification accuracy. Enhanced traditional Naive Bayes filters with semantic, keyword-based, and ML techniques to handle text modifications like leetspeak, achieving over 200% improvement in accuracy compared to existing solutions.
Project Lead: Led the design and implementation of the enhanced spam filter, including data preprocessing, algorithm development, and model training.
Skills Utilized: Python, Scikit-learn, Data Processing, Machine Learning
Achievements: Significantly increased spam detection accuracy and enhanced email security.
Impact: Improved email security and user productivity by effectively filtering out spam.

Database Creation and Modeling ⧉   2022
- Created databases using MySQL Workbench (Coursera Project Network).

Neural Network from Scratch ⧉   2022
- Implemented in TensorFlow (Coursera Project Network).

Exploratory Data Analysis ⧉   2022
- Performed EDA with Python and Pandas (Coursera Project Network).

Importing Data into R ⧉   2022
- Skills developed through (Coursera Project Network).

Tata Data Visualization ⧉   2024
- Business with Effective Insights Job Simulation on Forage: Created visuals for TCS, aiding in decision-making.

Accenture Data Analytics and Visualization ⧉   2024
- Advised social media client, analyzed 7 datasets, presented insights via PowerPoint. (Forage simulation)

CERTIFICATIONS

Data Visualization ⧉   2022
Inferential Statistics ⧉   2022
Machine Learning Basics ⧉   2022
Introduction to Programming with MATLAB ⧉   2022
Introduction to Web Development with HTML, CSS, JavaScript ⧉   2022
Python ⧉   2022