

NIKHITHA ELURI

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OBJECTIVE

To secure an opportunity where I can showcase my skills and knowledge which actively contributing to the company's advancement.

EDUCATION

Bachelor's of Technology, Kakinada Institute of Engineering and Technology for Women 2020 - 2024
Artificial Intelligence and Data Science: CGPA - 7.9.

SKILLS

Python : Data manipulation, control statements, OOP, data analysis libraries (NumPy, Pandas)

SQL/MySQL : Data queries, joins, and aggregate functions for optimized data retrieval and manipulation.

Power BI : ETL processes, data modeling, data reporting, dashboards, and data visualization.

Machine Learning : Basic understanding and application in predictive modeling.

Natural Language Processing (NLP) : Basic understanding of NLP concepts and techniques, including text preprocessing, sentiment analysis, and text classification.

INTERNSHIPS

Data Science and Machine Learning Intern Aug 2023 - Sep 2023
Upskill *Remote*

- Developed predictive models for crop yield using machine learning algorithms, optimizing agricultural production processes.
- Conducted comprehensive data exploration to identify significant trends and patterns for strategic decisions.
- Improved data quality and model accuracy by applying Python libraries (NumPy, Pandas) for data analysis and cleaning.

Data Analytics Intern Jun 2023 - Jul 2023
Edunet Foundation *Remote*

- Analyzed sales data to uncover actionable insights, resulting in a 20% reduction in data errors.
- Utilized Python libraries (NumPy, Pandas) and visualization tools (Matplotlib) for report generation and strategic insights.

PROJECTS

Disease Prediction Through Symptoms. Developed a machine learning model for diagnosing diseases based on user symptoms, enhancing diagnostic accuracy. Applied Python and machine learning techniques. ([Project Link](#))

HR Analytics Dashboard. Created an HR dashboard with Power BI to optimize HR processes and cut manual data processing by 5 hours daily. Utilized Power BI, Excel, and Power Query. ([Project Link](#))

Spam Detection System. Developed a machine learning model to identify and filter spam emails based on content analysis, improving email security and user experience. Utilized Python and advanced NLP techniques for high-accuracy classification. ([Project Link](#))

CORE COMPETENCIES

- Proficient in Python for data analysis and automation, skilled in crafting complex SQL queries and performing data transformations, and knowledgeable in ETL processes including data extraction, transformation, and loading to optimize data workflows.