KUNDAN KUMAR

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SUMMARY

Motivated individual with a strong foundation in data science and machine learning. Proficient in Python, Scikit-learn, and TensorFlow for building predictive models. Skilled in data preprocessing, feature engineering, and statistical analysis. Passionate about solving real-world problems using data-driven solutions.

EXPERIENCE

AI/ML Intern | VMSBUTU, Dehradun (jun'24-aug'24)

- Developed a deep learning model to interpret spoken words based on lip movements and facial expressions.
- Focused on detecting words with high accuracy using Convolutional Neural Networks (CNNs).
  Technologies used: Python, TensorFlow, Streamlit.

TECHNICAL SKILLS

Programming Languages: **Python, SQL.**
Frameworks & Libraries: **NumPy, Pandas, Scikit-Learn, TensorFlow, PyTorch, LangChain, NLTK, Flask.**
Data Visualization Tools: **Matplotlib, Seaborn, Power BI.**
Tools and Technologies: **Git, Docker, VS Code, Jupyter Notebook.**

CORE COMPETENCIES

Data Analysis	**Statistics**	**Data Science**
Machine Learning	**Probability**	**NLP**

ACADEMIC PROJECTS

Ecommerce Dashboard |

- Created an interactive dashboard to analyze online sales data.
- Used complex parameters to drill down the worksheet and customize it using filters and slicers.
- Designed and implemented customized visualizations, including bar charts and donut charts, which improved data interpretation for stakeholders.
- Technologies Used: Power BI

MangoLeafMedic |

- Designed and developed a Convolutional Neural Network (CNN) model to classify mango leaf diseases.
- Integrated a GPT-based model to provide personalized treatment recommendations based on the identified diseases.
- Technologies Used: Python, TensorFlow, LangChain, Streamlit, OpenAI.

ALAI |

- The ALAI platform aims to integrate various AI technology tools into a single platform.
- Streamline user experience by eliminating the need to visit multiple websites.
- Provide a centralized hub for various AI tasks.
- Technologies Used: Python, Flask, HTML, CSS, Hugging Face Inference API.

EDUCATION

Computer Science & Engineering | VMSBUTU *CGPA: 8.1* | (2021-2025)

Intermediate | Sri Chaitanya Vidya Niketan, Visakhapatnam *88%* | (2021)

CERTIFICATIONS

Generative AI: LLMs, Prompt Engineering | Udemy |

- Foundations of LLMs: Understanding the architecture, training processes, and capabilities of LLMs.
- Applications and Use Cases: Exploring the practical applications of LLMs in various domains, including content creation, customer service, and research.

Artificial Intelligence | Udemy |

- Gained proficiency in AI concepts and techniques, including machine learning and deep learning, model evaluation, and feature engineering.
- Building AI models, understanding AI applications, and architecture of different kinds of models.