Kishore Gundu

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Education

B. Tech Mechanical Engineering
GMRIT, 2015 - 2018
Srikakulam, Andhra Pradesh Secured a CGPA of 8.49/10

Diploma In Mechanical Engineering
2012 – 2015 Govt Polytechnic college JRGM Secured a Percentage 84.00

Key Skills

- Team Player
- Leadership
- Dedication
- Planning

Technical skills

- Python
- NumPy
- Pandas
- Matplotlib
- Seaborn
- Machine Learning
- Oracle & SQL
- Mango DB
- Tableau
- PowerBI
- Big Data(Hadoop, spark)
- GIT
- Catia V5
- Ansys Workbenches

Certifications

- Python
- NumPy
- Pandas
- Matplotlib
- Seaborn
- Machine Learning
- Oracle & SQL
- Mango DB

Objective

I am excited about the opportunity to contribute to your company by leveraging my strong foundation in data science, analytical skills, and problem-solving abilities. Known for my collaborative leadership, I excel at fostering teamwork and driving data-driven decision-making. I am committed to delivering insightful, high-quality solutions that support strategic goals while exemplifying strong leadership and technical expertise.

Professional Experiences:

Data Science Instructor & Data Analyst | HMI Engineering and Services
2022 - Present

- Conducted in-depth training sessions on data science and machine learning, focusing on Python programming, data analysis, and statistical modeling.
- Developed and delivered curriculum materials covering essential data science topics, including machine learning algorithms, exploratory data analysis, and real-world applications.
- Collaborated with team members to continuously improve training programs, integrating the latest advancements in data science and enhancing students' practical skills.

Mechanical Software Instructor | HMI Engineering and Services
December 2021 - 2022

- Led comprehensive training sessions on AutoCAD, CATIA, and ANSYS, equipping students with the necessary skills for mechanical design and analysis.
- Designed and implemented curriculum materials to ensure effective learning outcomes and hands-on experience with industry-standard mechanical software.
- Worked closely with the team to refine and optimize training materials, contributing to the continuous improvement of the educational offerings in mechanical engineering software.

Lead | Jnana Gamya Institute of Technologies
December 2020 - December 2021

- Tableau
- PowerBI
- Big Data(Hadoop, spark)
- GIT
- Catia V5R19
- PTC CREO – BASICS
- AUTO CAD
- Post-Graduation Diploma in Desktop Publishing
- Master Diploma in Desktop Publishing

Extracurricular Involvements:

- Actively participated in national-level tech fests, presenting papers and showcasing projects.
- Organized a college tech fest, demonstrating organizational skills and proactive involvement in extracurricular activities.

Leadership Experiences:

Class Representative: Demonstrated leadership skills as a class representative during both diploma and engineering college, facilitating communication between students and faculty.

Project Leadership: Led teams in the successful completion of five projects, showcasing strong leadership and project management abilities.

Event Organization: Organized a national-level tech fest as a key member, overseeing logistics and coordination to ensure its success.

Vice-Captain, Hybrid Vehicle Project (ISIE): Served as Vice Captain for a live hybrid vehicle project under the Imperial Society of Innovative Engineers (ISIE), contributing to its development and execution with effective leadership and teamwork.

- Managed and streamlined administrative operations, including resource allocation, scheduling, and budget management, to enhance overall efficiency.
- Implemented strategic process improvements that significantly boosted operational efficiency and productivity.
- Provided leadership and guidance to administrative staff, ensuring their efforts were aligned with the institute's goals and objectives.

Design Engineer | GS Alloy and Casting Limited
November 2017 - February 2019

- Collaborated with cross-functional teams to drive product development projects from initial concept to successful completion.
- Played a key role in process improvement initiatives, optimizing manufacturing operations for enhanced efficiency and quality.

Throughout my career, I have consistently demonstrated dedication and hard work, which has led to progressively higher positions. I am committed to bringing this same level of excellence and dedication to my next role, contributing to the success of the company that hires me.

Data Science Projects:

1. **Sales Forecasting Dashboard**
   - **Description**: Developed an interactive dashboard to forecast and visualize sales data.
   - **Approach**: Implemented time series forecasting models (ARIMA, Prophet) to predict future sales.
   - **Tools**: Python (Pandas, NumPy), Matplotlib, Seaborn, Tableau/PowerBI.
2. **Customer Segmentation Analysis**
   - **Description**: Analyzed customer data to segment customers based on purchasing behavior.
   - **Approach**: Applied K-means clustering to identify customer segments.
   - **Tools**: Python (Pandas, NumPy), scikit-learn, Matplotlib, Seaborn.
3. **Recommendation System**
   - **Description**: Built a recommendation system to suggest products to users based on their preferences.
   - **Approach**: Implemented collaborative filtering and content-based filtering techniques.
   - **Tools**: Python (Pandas, NumPy), scikit-learn, Tableau/PowerBI.
4. **Fraud Detection System**
   - **Description**: Created a system to detect fraudulent transactions using historical transaction data.
   - **Approach**: Utilized anomaly detection techniques and supervised learning methods.

Achievements:

- Vice-Captain for Team Turboriders in a national-level event organized by the Imperial Society of Innovative Engineers, highlighting exceptional leadership and teamwork.
- Best Problem Solver of GMRIT 2017**:** Recognized for outstanding problem-solving skills.
- First Prize in Industrial Defined Problem**:** Won the top prize in a national-level tech fest for solving an industrial-defined problem.

Colleges Handled:

- GMR Institute of Technology
- NSRIT
- GMR Diploma College
- Raghu Engineering College
- Aditya Degree College
- GVP Engineering College
- Vishaka Engineering College
- Aditya Women's College
- Sri Venkateswara Engineering College
- Shivani Engineering College
- SITAM Engineering College

    - **Tools**: Python (Pandas, NumPy), scikit-learn, TensorFlow/PyTorch, Hadoop/Spark.

5. **Customer Lifetime Value Prediction**
    - **Description**: Predicted the total value a customer will bring over their lifetime using historical data.
    - **Approach**: Applied regression analysis or survival analysis models.
    - **Tools**: Python (Pandas, NumPy), scikit-learn, Oracle SQL.
6. **Healthcare Data Analysis**
    - **Description**: Analyzed healthcare data to predict patient outcomes or disease progression.
    - **Approach**: Used classification or regression models to analyze patient health records.
    - **Tools**: Python (Pandas, NumPy), scikit-learn, Matplotlib, Seaborn.
7. **Image Classification**
    - **Description**: Classified images using deep learning techniques.
    - **Approach**: Leveraged pre-trained models or custom CNNs for image classification tasks.
    - **Tools**: Python (NumPy, Pandas), TensorFlow/Keras, Matplotlib.
8. **Network Traffic Anomaly Detection**
    - **Description**: Detected unusual patterns in network traffic to identify potential security threats.
    - **Approach**: Used Autoencoders or other anomaly detection methods.
    - **Tools**: Python (Pandas, NumPy), TensorFlow/PyTorch, Spark.
9. **Data Pipeline for ETL (Extract, Transform, Load)**
    - **Description**: Built a data pipeline to extract, transform, and load data from various sources.
    - **Approach**: Developed Python scripts for ETL processes and used Hadoop/Spark for large-scale data handling.
    - **Tools**: Python (Pandas), Oracle SQL, MongoDB, Hadoop/Spark.
10. **Text Analysis and Sentiment Analysis**
    - **Description**: Analyzed and classified text data to determine sentiment.
    - **Approach**: Applied NLP techniques for text processing and sentiment classification.
    - **Tools**: Python (Pandas), NLTK/spaCy, TensorFlow/PyTorch.