# PATHIPAKA GOPICHAND

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## Career Objective

Motivated undergraduate with a solid academic record, looking to acquire a challenging position in an environment where I can best utilize my skill and Education. Skilled in teamwork, time management, leadership, and Effective communication. Proven track record of achieving goals efficiently across diverse settings. Ready to leverage these skills for professional growth.

## Education Qualification

**Malla Reddy Institute of Technology and Science, Hyderabad-Telangana.**  2024
B-tech-Computer Science and Engineering (CSE)  CGPA/Percentage:7.0

**Laqshya Junior College, Kodad-Telangana.**  2020
Telangana State Board of Intermediate (MPC)  CGPA/Percentage:78.9

**St. Joseph's CCR Vidyanilayam, Kodad-Telangana**  2018
Board of secondary Education (SSC)  CGPA/Percentage:7.5

## Projects

### Mobile phone price Prediction analysis using Machine Learning algorithms

Technologies Used: Python, Machine Learning (Regression/Classification models), Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

- Developed a machine learning model to predict mobile phone prices based on features such as RAM, storage, battery life, processor, and display quality.
- Pre-processed and cleaned data using feature scaling, encoding categorical variables, and handling missing values.
- Implemented and compared multiple ML algorithms (Linear Regression, Decision Trees, Random Forest, SVM) to achieve the best predictive accuracy..

### Financial sentiment analysis using Natural Language processing

*Technologies:* Python, Flask, TensorFlow/Keras, Scikit-learn, NLTK, Pandas, TF-IDF, RNN, ngrok

- Built a sentiment analysis model to classify financial news articles as Positive, Negative, or Neutral using   NLP techniques.
- Pre-processed text data, applied TF-IDF vectorization, and trained a Keras RNN model for accurate classification.
- Deployed the model using Flask and Ngrok to enable real-time sentiment prediction via a web **interface.**

### HR Analysis Dashboard Using PowerBI

- Power BI visualizations, including pie charts for employee status, bar graphs for performance scores, and trend lines for engagement and satisfaction
- Departments like Sales and HR are more affected by attrition, and work-life balance plays a crucial role in employee satisfaction and retention.

## [BlinkIT Grocery Data Analysis using Excel Dashboard](#)

- Leverage analytical skills and hands-on experience with real-world datasets, such as BlinkIT Grocery Data, to extract actionable insights and support data-driven decision-making.
- Seeking to apply data preprocessing, visualization, and statistical analysis techniques to enhance operational efficiency and customer experience in a data-centric organization.

## Technical Skills.

- Programming Languages: Python, Python Libraries.
- Data Science Tools: Machine Learning Algorithms, NLP.
- Database: MySQL.
- Data Visualization Tools: Power Bi, Microsoft Excel.
- Soft Skills: Leadership, Teamwork, Time Management.

## Achievements

- Financial sentiment analysis using Natural Language processing (in JP MORGAN CHASE)

- Python for Machine learning |Great Learning Academy.

- Smart India Hackathon

- Development Program on Cloud Infrastructure (AWS) Workshop by Brain vision

  Solutions India Pvt Ltd

- Cyber Security and Ethical Workshop Ditto Security.

## Personal Profile

Father Name            : Govind

Date of Birth          : 24 oct 2003

Gender                 : Male

Nationality            : Indian

Languages known        : English, Hindi & Telugu

Religion               : Hindu

## Declaration

I hereby certify that the above given data is true and correct to the best of my knowledge and belief.