R Govind

Data Analyst,Data Scientist
Bachelore of Technology
Chemical Engineering
National Institute of Technology, Warangal

📞 +91-9490284576
✉ rikkimygovind@gmail.com
✉ rg862011@student.nitw.ac.in
⌨ Github Profile
in Rikkimy

EDUCATION

•**National Institute of Technology, Warangal** *2020-2024*
Bachelor of Technology,Chemical Engineering

•**Sri Chaitanya Junior College, Hyderabad** *2017-2019*
Board of Intermediate Education, Telangana

•**Fatima Vidyalayam - 2017** *2012-2017*
Board of Secondary Education, Telangana

TECHNICAL SKILLS AND INTERESTS

Languages:Python, MySql

Visualization Tools: Excel, Tableau, Power BI

Frameworks/Libraries: NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, OpenCV

Coursework: Machine Learning Concepts, Statistical Analysis, Deep Learning

Soft Skills: Adaptability, Conflict Resolution, Creativity ,Work Ethic, Good written and verbal communication skills.

PERSONAL PROJECTS

•**Personal Finance Dashboard Development using Power BI**

Developed an interactive personal finance dashboard to track expenses, analyze spending patterns, and improve financial management.

- Sole contributor, responsible for end-to-end development. Gathered and cleaned financial data from various sources, transformed it for analysis, and created dynamic visualizations, Interactive charts for expense categories, trend analysis, and customizable budget tracking.
- Empowered users to make informed financial decisions, resulting in more effective budget management and increased savings.
- Power BI proficiency, Data analysis, visualization design, data transformation.

• **Machine Learning Model for Predicting Heart Attack for US Patients.**

Developed a machine learning Model for predicting heart attack for US patients.

- Led the end-to-end development of the project, including data preprocessing, feature engineering, model training, and evaluation. Achieved an accuracy of 72 percent in predicting heart attacks.
- Python, scikit-learn, pandas, NumPy, Jupyter Notebook.
- IMPORTANCE OF THE PROJECT: By accurately predicting the risk of heart attacks, the model can help healthcare providers identify at-risk patients before an event occurs. This allows for timely interventions and lifestyle modifications.

•**Potato Disease Detection Using Deep Learning**

Developed a potato leaf detection system focusing on leaf using deep learning techniques.

- Developed a convolutional neural network model using TensorFlow to classify potato leaf diseases, aiding timely disease identification for farmers.
- The process involved gathering a labeled dataset, performing image preprocessing, and applying data augmentation to improve model robustness.
- Extensive hyperparameter tuning enhanced accuracy, while model optimization allowed deployment on resource-constrained devices. Key achievements include high classification accuracy and model scalability, demonstrating potential for real-world agricultural applications.

•**NLP-Powered Food Delivery Chatbot**

Developed an NLP-powered chatbot using Dialogflow and FastAPI to streamline food ordering and tracking processes.

- Developed an intelligent chatbot using Dialogflow to enhance user experience and streamline order management for a food delivery website. Configured intents, entities, and contexts in Dialogflow to facilitate natural language understanding and maintain conversational flow.
- Integrated backend fulfillment to handle complex queries and connect to external services.Designed and implemented a SQL database to store user data, order details, and conversation logs for improved service and analytics.
- Built a FastAPI Python backend to process requests and enable key features such as placing orders and tracking orders by ID.

POSITIONS OF RESPONSIBILITY

- **Co-Founder** at Kichen (Food Delivery startup) — *2022-2023*
- **Chemical Engineering Association and IIChE,** Student Chapter NITW — *2021-2024*
- **Executive Member,** Aasya Foundation (NGO) — *2020-2024*