

# KALYAN KEERTHIPATI

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## PROFESSIONAL SUMMARY

- Accomplished Business Intelligence Developer with an extensive background of more than 1 years in traditional data technologies demonstrating a history of successes in designing and implementing complex technical projects for diverse business areas in various stages of their development.
- Proficient in using data engineering techniques to solve business challenges while uncovering and evolving opportunities along the way.
- Adept at combining comprehensive industry and technical expertise to create analytics driven organization and achieving better performance through data.
- Good at designing database structures in Azure SQL, SQL Server & Delta lakes.
- Skilful in modelling data.
- Practiced in designing ETL/ELT processes for any domain while establishing benchmarks by collecting and standardizing data.
- Versed in Azure Data Factory & LogicApps.
- Experienced in report creation with PowerBI.

## ACADAMIC PROJECTS

### Medical Chatbot:

- Developed an intelligent chatbot utilizing Natural Language Processing (NLP) techniques, including tokenization, stemming, and lemmatization. The chatbot accurately predicts diseases based on user-provided symptoms and provides corresponding treatment measures. Employed a Machine Learning Decision Tree model to enhance diagnostic capabilities.

### Online Movie Ticket Booking System:

- Engineered a comprehensive full-stack web application using ReactJS, Express, NodeJS, and MySQL. The platform enables users to seamlessly book movie tickets online, enhancing the movie-going experience through an intuitive and efficient interface.

### Fake News Detection:

- Implemented a robust model for detecting fake news, allowing users to input news articles (text or URL). Leveraged a Support Vector Machine (SVM) model for accurate predictions, while employing TF-IDF for effective feature extraction. The system serves as a valuable tool in discerning the authenticity of news articles in real-time.

## EXPERIENCE

MARCH 2022 TO JULY 2023

### BUSINESS INTELLIGENCE DEVELOPER

EASTMAN CHEMICAL COMPANY

#### Manufacturing and Reporting:

This project implements the planning process which creates a single strategy for all manufacturing activities by integrating data from all the manufacturing units and departments. The data will be used for creating operational reporting to support data driven decisions.

#### Roles and Responsibilities:

- Developed Azure Data Factory pipelines & SSIS packages.
- Implemented Power Automate for email notifications on alarms limit.
- Spearheaded efforts for setting up the CI/CD process for ADF in Azure DevOps.
- Collaborated in the creation of various Data Models.
- Created stored procedures and user defined functions for loading data from Staging to the Data Warehouse.
- Contributed to the creation of operational reports.
- Created dashboards using Microsoft Powerbi

MARCH 2021 TO FEBRUARY 2022

### PEOPLESOFT HCM ASSOCIATE CONSULTANT

WIPRO LIMITED

#### Roles and Responsibilities:

- Excel to CI data migration
- Created components, pages, menus, and records using Application Designer.
- Added holiday calendar for HERE Germany employees.

## SKILLS

- Languages: SQL, Python, Javascript, ReactJS
- Database Technologies: SQL Server, Azure SQL Database, MySQL
- ETL/ELT Tools: SSIS, Azure Data Factory
- Data Visualization: Microsoft PowerBI
- Data Modelling: Strong knowledge on Dimensional Modelling, SSAS, Tabular Data Modelling & PowerBI datasets
- Other Technologies: Microsoft PowerApps, Visual Studio

## **EDUCATION**

(CURRENT)

**MASTER OF SCIENCE, COMPUTER SCIENCE**, UNIVERSITY OF NORTH TEXAS, DENTON

MAY 2020

**BACHELOR OF TECHNOLOGY, COMPUTER SCIENCE AND ENGINEERING**, SVCET