SAKETH DESHMUKH

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SUMMARY

- Three years of hands-on experience in the field of analytics in oil & gas domain.
- Skilled in working with large data sets and performing predictive analytics with special expertise in machine learning modeling techniques.
- Worked extensively in problem-solving with data-driven decision-making to improve operational processes.

TECHNICAL SKILLS

- **PROGRAMMING:** C#, R, Python, SQL, HTML.
- **TOOLS**: SSMS, MS Office, Power BI, Jupyter Notebook, GIT, Visual Studio, VScode, QGIS, Tableau, NeuraLog, Azure ML Studio.
- **DATABASES**: MSSQL.

EDUCATION

Master of Science in Business Analytics and Information Systems	**Expected, Dec 2022**
MUMA COLLEGE OF BUSINESS – UNIVERSITY OF SOUTH FLORIDA	TAMPA, FL
Bachelor of Technology in Petroleum Engineering	**Sep 2014 – Apr 2018**
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA	KAKINADA, INDIA

EXPERIENCE

LARSEN & TOUBRO INFOTECH

Associate Consultant   **Aug 2018 - Aug 2021**

- Acquired the data and prepared **machine learning models** to visualize and predict the data patterns. In day-to-day work, used MSSQL to extract the historical data from the database.
- Analyzed the **real time seismic data** with age-old data to determine the amount of oil and gas in reservoirs. **Prepared reports and dashboards** explaining cost estimates for a given well and communicated business insights to the client resulting in increasing revenue by **13%.**
- Data acquisition and **metadata capture** of all necessary attributes out of the available data using software tools Neuramap, Neuralog. Prepared presentations for exceptions resolved and errors encountered during quality checks to circulate among different teams for knowledge sharing purpose.

PROJECTS

Customer Churn Prediction in Banking Industry Using Azure ML Studio

- The primary goal is to reduce the customer churn, stabilize the banking business and increase the profits in the banking industry.
- Got the data and processed it by splitting the data into **80% trained and 20% test data**.
- I have used **two-class support vector and two-class logistic regression** models to predict the exited variable based on the available data set. By evaluating the model and analyzing the results, got the highest accuracy for the two-class logistic regression model.

Designed an Online Banking Website using SSMS, VS, VScode (.NET Framework)

- Created a database using SSMS by writing SQL queries.
- Used **Angular** for building the front end and designed the SPA.
- Used **C#** language for the backend programming using Visual Studio as an IDE.

Dog Salon Database Management by inserting, retrieving data using SSMS

- Learnt to design the database by modelling **ERD, EERD, RS** using MS Visio by maintaining the data integrity.
- Bulk insertion of data by generating the data and loading into the MSSQL server.
- Query writing to fetch the data and performance tuning using **indexes, and parallelism**.

AWARDS AND ACCOMPLISHMENTS

- Secured Dasari Endowment Prize by Dr. Ananda Mohana Rao for being **2nd best outgoing student** of the 2014-2018 batch.
- Representing **USF Cricket Team** in National College Cricket Association (NCCA) Championship 2022.