

VENKATESH MUKERI

🏠 Irving, Texas - 75063 ✉ venkateshmukeri@gmail.com ☎ +1 (469) 223 - 0970 🌐 <https://www.linkedin.com/in/venkateshmukeri> 🌐 <https://vmukeri.github.io/venkatesh-portfolio/>

SUMMARY

Microsoft Certified Data Engineer with a demonstrated history in the CRM industry. Skilled in Data Science, Data Analysis, Data Engineer, Business Intelligence Database Design, Strategic problem-solving techniques and Data Visualization.

WORK EXPERIENCE

Graduate Research Assistant - Data Analyst Engineer

Texas A&M | Dallas, Texas

Oct 2024 - Present

- Developed dynamic dashboards in Power BI and Tableau to visualize and interpret large datasets, improving decision-making for stakeholders.
- Automated data processing workflows using SQL and Python, increasing data preparation efficiency by 30%.
- Conducted root-cause analysis and provided actionable insights through advanced statistical methods using Python and R.
- Collaborated with teams to build and maintain data models and visualization tools, increasing data integrity by 20%.
- Automated report generation using ETL processes to deliver recurring reports with minimal manual intervention.

Lead Business Intelligence Analyst

Medallia | Gujarat, India

Apr 2021 - Apr 2023

- Spearheaded the development and automation of data integration pipelines using SQL and Medallia's SaaS platform, streamlining data flows and improving reporting accuracy by 50%.
- Developed interactive dashboards to provide executives with real-time insights into performance metrics, increasing visibility and decision-making speed.
- Led cross-functional collaboration to identify inefficiencies and propose automation and optimization solutions, directly contributing to a 30% increase in sales and a 25% increase in customer satisfaction.
- Used Alteryx for data wrangling and integration to automate reporting processes, ensuring data quality and consistency across multiple platforms.
- Successfully implemented and optimized A/B testing for product development, increasing customer engagement by 20%.

Sports Data Analyst

Hudl India Pvt India | Mumbai, India

Jul 2017 - Feb 2020

- Designed and maintained comprehensive databases to track and analyze team and player performance using SQL and statistical tools.
- Created and presented detailed performance reports and dashboards, improving coaches' ability to make data-driven decisions.
- Collaborated in developing data models and predictive analytics to enhance the accuracy of performance forecasts.

EDUCATION

Masters in Business Analytics

Texas A&M University | Dallas, Texas

Expected: Jul 2025

Relevant Coursework - Python, R, Database Management, Data Visualization, Machine Learning, Data Warehousing, Data Modelling

PG Diploma in Advance Computing

Center of Development in Advance Computing, India | Mumbai, India

Graduated: Jan 2021

Relevant Coursework - C, C++, Java, Microsoft .NET, JavaScript, MySQL, MEAN Stack

Bachelors in Electronics Engineering

University of Mumbai | Mumbai, India

Graduated: May 2017

Relevant Coursework - Assembly language, CCNA, OOPM, PCB Design, Circuit Theory

TECHNICAL SKILLS

Analysis and Analysis Tools: Advanced Excel, SAP Business Object, Tableau, POWER BI, SAS, Spark, Toad, Talend, Control-M, Airflow, Hadoop, A/B testing, Business Intelligence, Big Data Analytics, Data Mining, Predictive Analytics, Quantitative Business Analysis, Statistics, Machine Learning, Google Cloud Platform, PBM.

Database: Teradata, SAP HANA, RDBMS, OLAP, Microsoft SQL Server, MS Access.

Programming: Python, R, Flask, Spark, SQL, BigQuery, Hive, Unix, Linux, OOPS, Java, HTML, Angular, JavaScript.

PROJECTS

AI-Powered Interview Assistant Chatbot

Jan 2025 - Apr 2025

- Leveraged stakeholder consultations and literature reviews to define user needs, subsequently implementing core chatbot functionalities such as role-specific question generation and adaptive feedback delivery.
- Analyzed existing interview preparation tools and user requirements to develop an AI chatbot featuring real-time communication, performance scoring, and personalized feedback.

The Netflix Lens: Data-Driven Insights with Power BI

Jan 2025 - Apr 2025

- Developed interactive Power BI dashboards to analyze Netflix content data, revealing key insights into genre popularity and regional viewing trends.
- Presented data-driven insights on content performance and user engagement to stakeholders through comprehensive Power BI reports.

AWS based Data Warehouse for Crime Analytics

Aug 2024 - Dec 2024

- Developed and deployed an AWS-based data warehouse for crime analytics, leveraging SSIS for ETL processes, SSMS for database management, and SQL for data transformation and analysis. Contributed to the identification and prevention of crime patterns through data-driven insights.
- Designed and implemented interactive dashboards using Tableau to visualize crime statistics and trends, enabling law enforcement to proactively address potential hotspots and allocate resources effectively.

CERTIFICATIONS & LICENSES

Microsoft Certified: Azure Data Engineer Associate - 254435B8D14C92AE

Microsoft

Feb 2025 - Present