**MOHAN VENKATA PAVAN SAI TEJA KATTIBOYINA**

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# **EDUCATION**

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| **The University of Texas at Dallas,** Texas | **May 2026** |
| *Master of Science, Business Analytics & Artificial Intelligence* | **GPA 3.89** |
| **Indian Institute of Information Technology,** Nagpur | **June 2022** |
| *Bachelor of Technology, Electronics and Communication Engineering* |  |

**SKILLS**

**Technical Skills: Python, SQL, TensorFlow, Tableau, QlikView, Excel, MongoDB.**

**Soft Skills: Team Collaboration, Communication Skills, Analytical Thinking, Time Management.**

# **PROFESSIONAL EXPERIENCE**

**Samsung SDS**, Gurgaon (Gurgaon, Haryana, India) **February 2022-November 2023**

## *Business Intelligence Developer*

* Retrieved data from the **Digital Logbook Dashboard** and utilized **SQL queries** to perform detailed comparisons of Samsung’s sales performance against competitors. Refined insights by applying advanced filtering and sorting techniques in **Excel**, categorized by price range, leading to a 20% reduction in analysis time.
* Managed end-to-end product tracking and sales inventory for Samsung by assigning unique dealer codes, enabling accurate sales monitoring for each dealer by using All India Master Dashboard, also plotted a sales sell-out analysis over past three months to track sales trends, improving **data visualization** by 20%.
* **Replicated Key Performance Indicators (KPIs)** from Apache Superset onto QlikView by performing **Exploratory Data Analysis (EDA)** on Kaggle datasets. Identified data trends, anomalies, and insights to refine metrics and enhance dashboard accuracy, achieving an **80% improvement in reporting accuracy** through iterative client feedback and collaborative updates.
* Converted **EVTX log files** into **CSV format** using Python to extract and structure computer-generated data. Automated the loading of these CSV files into **QlikView**, streamlining data analysis processes and reducing manual intervention by 30%.
* Enhanced Custom reports in QlikView, improving market name accuracy and dashboard insights by backtracking, resulting in a 100% improvement in reporting clarity.

# **ACADEMIC PROJECT EXPERIENCE**

***Dashboard Designing for EdTech Company*** **January 2022**

* Designed and developed a comprehensive dashboard using Tableau and SQL to generate actionable insights for an EdTech company. Automated data queries to optimize report generation, reducing manual effort by 30%.
* Enhanced data visualization with interactive charts and graphs, improving client understanding of KPI’s.

***Brain Tumor Detection Using Machine Learning* March 2021**

* Developed and trained a **Convolutional Neural Network (CNN)** in Python using TensorFlow, achieving **92% accuracy** in detecting brain tumors from MRI images.
* Sourced and processed GitHub data, using thresholding and morphological operations to enhance segmentation reliability by 15%, achieving 90% precision and 88% recall.

***Integrated Database System for IBM HR Analytics* November 2024**

* Designed and implemented a hybrid database system using SQL and MongoDB for IBM's HR Analytics dataset, enabling seamless tracking of employee metrics and attrition data.
* Optimized data integration between relational and NoSQL databases, ensuring efficient entity-relationship mapping and generating actionable insights through comprehensive reporting.

# **ADDITIONAL INFORMATION**

***Eligibility &* Availability**: Eligible to work in the U.S for internships and full-time with no restrictions (F-1 OPT STEM 36 months).Available to intern full-time (36-40 hours/week) for 10 weeks starting June 2025, as required by the internship program.