

DIVYA MATAVALAM

Dallas, TX

314-335-0600

www.linkedin.com/in/matavalam-divyaa260

<https://github.com/Divy260>

matavalam.divya2023@gmail.com

PROFESSIONAL PROFILE

Focused and determined data enthusiast with experience in SQL, Python, and building ETL pipelines for large-scale data processing. Proven track record at Infosys developing data-driven systems, optimizing batch jobs, and improving data reliability. Skilled in Hadoop, Spark, relational/NoSQL databases, and cloud platforms including AWS and GCP. Seeking a full-time Data Engineer position starting immediately.

CORE COMPETENCIES

Problem-Solving | Cross-Functional Collaboration | Time & Project Management | Business Acumen

TECHNICAL SKILLS

Language: Python, SQL, COBOL

DBMS & Visualization: MySQL, Oracle SQL, PowerBI, Tableau, MongoDB, D3.js

Big Data & Cloud: Hadoop, Databricks, Spark, GCP

Analytics: SAS, SPSS, Excel, Jupyter Notebook

Data Integration & APIs: REST API ingestion, JSON/XML parsing

Workflow & Orchestration: Airflow, Git, Jenkins

EDUCATION

Master of Science in Computer Science

University of North Texas, Denton, TX

GPA: 3.6

May 2025

CERTIFICATIONS

Coursera: IBM Data Engineering

Aug 2025

EXPERIENCE

Systems Engineer, Infosys, Bengaluru, Karnataka, India

Jun 2021 - Jul 2023

- Processed and validated **large-scale financial datasets** using Oracle SQL and **mainframe batch processing**, ensuring **99.9% job reliability** and compliance with SLA standards.
- Optimized **ETL jobs and stored procedures**, improving reporting and data processing efficiency by **15%**.
- Provided **end-to-end production support** for the **Debt Manager and Credit Risk teams**, including SAT testing, deployment validation, and incident resolution through **JIRA ticketing**, reducing issue resolution time by **20%**.
- Supported **critical batch jobs and data pipelines**, documenting workflows, and creating **SOPs/KEDBs** to streamline operations and knowledge transfer.
- Collaborated with cross-functional stakeholders to troubleshoot production issues, enhance data reliability, and maintain compliance across financial systems.

Data Analyst Intern (Project Lead), Excelerate, Remote, USA

Jun 2023 - Jul 2023

- Led a project analyzing the **Superhero U Event Facebook Ad Campaign**, applying theoretical data analytics knowledge to **real-world datasets**.
- Performed **data cleaning, transformation, and pattern exploration** using Python and Excel, gaining hands-on exposure to data quality challenges and best practices.
- Designed **interactive dashboards** in Tableau and Power BI to visualize campaign performance and uncover actionable insights for stakeholders.
- Coordinated as **Project Lead**, managing timelines, facilitating communication, and ensuring milestones were met through collaborative teamwork and decision-making.

Academic Project, Distributed Flight Delay Analysis, UNT

Feb 2025 - Apr 2025

- Processed **700K+ American Airlines flight records (2020–2024)** using **PySpark on Hadoop clusters** to identify delay patterns and root causes.
- Optimized queries with **Hive**, reducing data retrieval time by **35%** and storage overhead by **20%**.
- Built a scalable ETL pipeline for ingesting, cleaning, and aggregating large datasets, simulating production workflows.
- Delivered interactive dashboards using **Power BI, D3.js prototypes, and VBA automation** to visualize trends and support operational decision-making.

LEADERSHIP & VOLUNTEER EXPERIENCE

Volunteer Data Engineer, Bright Mind Enrichment & Schooling, Remote

Jul 2025 – Present

- Evaluated business processes, identified improvement opportunities, and implemented solutions to optimize workflows.
- Conducted requirements analysis and collaborated with stakeholders to translate needs into actionable data insights.
- Performed data manipulation, cleansing, and exploratory analysis using SQL, R, and SAS to support business decisions.
- Generated reports and statistical summaries that improved visibility into organizational operations and program outcomes.

Coordinator, Bhakti Yoga Club, UNT

Sept 2024 - Apr 2025

- Organized weekly events for **30+ students**, including yoga, meditation, and wellness discussions.
- Partnered with faculty mentors to plan outreach campaigns, increasing participation by **50%** in one semester.
- Facilitated cultural and wellness programs fostering **community engagement** and **student well-being**.