Sathwik Reddy

www.linkedin.com/in/sathwik-reddy7 | chelmalla.sathwik@gmail.com | +1 (813) 893-4630

EDUCATION

Indiana Wesleyan University, Marion, IN (3.7 GPA)   **Aug 2024**
Master of Science, Information Technology Project Management
Coursework: *Predictive Modeling, Statistics in Business Analytics, Data Management and Business Process Modeling, Data Mining and Business Intelligence, Introduction to Project Management, Project Risk Management.*
Jawaharlal Nehru Technological University, Hyderabad, India   **Aug 2022**
Master of Science: Aviation

SKILLS

- **Programming**: Python | SQL |
- **Databases**: Sqlite3 | Microsoft SQL Server | MySQL, Postgre SQL
- **Tools and Frameworks**: Tableau | Power BI | MS Excel | MS PowerPoint | MS SharePoint | CRM | SAP|
- **Analytics**: Data Visualization | Predictive Modeling | Forecasting | Statistical Modeling | Data Cleaning | Reliability Analysis | Exploratory Data Analysis
- **Techniques**: Agile (Scrum and Kanban) | DAX | Data Modeling | Storytelling | Business Management

PROFESSIONAL EXPERIENCE

Business Analyst Intern | **Progress Solutions** – Plano, TX   **April 2024 – Present**
- Built performance dashboards in Power BI and Excel, improving visibility of KPIs for leadership and reducing manual reporting time by 15%.
- Conducted UAT and used SQL for validating business logic, ensuring 95% accuracy in post-launch functionality.
- Supported process analysis and workflow documentation using Visio, contributing to the development of optimized business processes and future-state diagrams.
- Participated in requirements gathering sessions with stakeholders, assisting in documenting business needs and converting them into user stories and functional specifications under an Agile framework.

Reliability Analyst (Engineer) | CYIENT at **Pratt & Whitney** - Bengaluru, India   **Jun 2021 – Aug 2022**
- Integrated aircraft engine maintenance schedules into SAP by extracting data from CRM portals, improving update accuracy by 15%.
- Utilized SQL and Power BI to perform trend analysis and anomaly detection on maintenance and overhaul datasets, enabling early fault identification and improving maintenance forecasting accuracy by 20%.
- Used Advanced Excel functions such as VLOOKUP, Power Query, and Pivot tables to consolidate and validate large maintenance datasets, streamlining data reconciliation and reducing reporting time by 25%.

Data Analyst Intern | Lince Soft Solutions Pvt Ltd. – Hyderabad, India   **Jun 2020 – Jun 2021**
- Cleaned, transformed, and validated raw datasets using SQL and Power Query, ensuring data accuracy and consistency for downstream analysis and reporting.
- Created interactive dashboards in Tableau to visualize sales and operational data, helping business users track KPIs and identify performance trends.
- Assisted in building and maintaining simple ETL pipelines in Excel and Power Query, automating data refreshes and reducing manual reporting time by 30%.

PROJECTS

Sales Performance Analysis Dashboard
- Built an interactive Power BI dashboard using historical sales data with DAX measures to analyze trends, profitability, inventory, and customer behavior.
- Delivered actionable insights through dynamic visualizations and drill-throughs, identifying high-performing products and supporting inventory and sales strategy decisions.

Academic Performance Analysis Using SQL
- Designed a PostgreSQL database and generated synthetic data to analyze student performance and attendance across subjects and semesters.
- Wrote advanced SQL queries to extract insights on pass rates, high performers, and demographic trends, supporting data-driven decisions in academic performance analysis.

Aircraft Engine Starting Systems – Technical Research Project, *M.Sc. (Aviation)*
- Gathered and structured technical data on aircraft engine starter types, battery technologies, and ignition systems, organizing it for comparative analysis based on efficiency, reliability, and application use cases.
- Analyzed performance attributes and trends across system types, and created visual diagrams and structured documentation to communicate findings, simulating a data-driven reporting process.

CERTIFICATIONS: • Microsoft Certified: Power BI Data Analyst Associate(PL-300)
                           • SQL Certification, Udemy
                           • Agile Crash Course: Project Management, Udemy