

ANGEL NAKKALA

+1 (816) - 462 - 9893

angelreddy2020@gmail.com

<https://www.linkedin.com/in/angel-reddy-nakkala-280031147/>



Professional Summary

- Professional **Data Analyst** with **4+ years** of experience with good understanding of **Software development lifecycle (SDLC)** and **Software testing lifecycle (STLC)**.
- Involved in developing test plans, creation of test cases, execution of test cases, and logging defects using tools such as HPQC & JIRA on various applications.
- Have experience in **Manual Testing** and practical implementation of its concepts. Test case creation, Test case execution, identifying Test Strategy and creating **Test plans**
- Strong experience using common file formats such as CSV, TEXT, JSON, XML, XSD, etc.
- Analyze large datasets using statistical methods and tools like **MS Excel, Spreadsheets, Python, SQL, and R**.
- Interpret data to identify trends, patterns, and insights that inform business decisions.
- Create detailed reports and visualizations to present findings to stakeholders Using tools such as **Tableau, Power BI, Python/SQL** scripts to generate clear, actionable insights
- Experience in Functional, Regression, User Acceptance Testing (UAT), and Integration Testing.
- Solid understanding of software quality management tools HP ALM(tracking, analyzing, reporting, problem resolution, and training).
- Self-motivated, quick learner with excellent interpersonal skills, problem solving and decision-making. Also, self-starter with excellent academic record.
- Excellent analytical & communication skills and ability to interact with business users and Onsite/Offshore co-ordination.

Technical Skills

- SQL (SQL Server, MySQL, Big Query)
- Excel (VLookup, Conditional Formatting, Pivot Tables, Formulas), Spreadsheets
- Microsoft Power BI(DAX, Modelling), Tableau
- HP Quality Center, HP ALM, JIRA
- Python(Pandas, Numpy, Seaborn, Matplotlib),
- R (dplyr, ggplot2, tidyr, readr)
- SVN, Git, GitHub

Education

MASTER'S IN COMPUTER SCIENCE

January2023 –May2024

University of Central Missouri– Missouri, MO – **Grade: 3.8/4**

Member of Upsilon pi epsilon

Member of ACM Association of computing machinery

Certifications

EMC Academic Associate, Data Science and Big Data Analytics - Dell Technologies

November 2019

[Google Data Analytics Professional Certificate](#) – Coursera

June 2024

[Data Analytics Essentials](#) – Cisco

October2024

[Python Essentials 1](#) – Cisco

October2024

[Python Essentials 2](#) – Cisco

October2024

Work Experience

AETNA, A CVS HEALTH COMPANY–Kansas, KS.

January2024 – May2024

ROLE: Data Analyst

PROJECT: This project focuses on Migration of the legacy mainframe Utilization Management system to a more robust cloud-based system. To Design and build of the new database and study the impact on the downstream applications. Help in building the new downstream reports from new database with minimum impact.

- As a Analyst assisted in ingesting files for Claims, Provider, Pharmacy from mainframe systems to Data Lake.
- Performed advanced data analysis using Microsoft Excel, including VLOOKUP, Pivot Tables, Macros, complex formulas

and Charts to derive actionable insights and support decision-making processes.

- Worked with domain leads and technologists to identify & gather data relevant for analysis.
- Worked alongside agile development teams to help improve completeness, accuracy and timeliness of datasets and improve processes.
- Wrote queries in existing on-premises environment which supports SQL for the data analysis.
- Helped in the process of Data Extraction, Data Cleansing, Transformation & Load using ETL tool Oracle Database Integrator (ODI).
- Developed and implemented data quality analysis for frameworks, ensuring data accuracy, consistency, and integrity across various sources, which led to a 20% reduction in data errors and improved decision-making.
- Actively participated in daily scrum and Sprint meetings as part of Agile Environment.
- Analyzed the complex data set, working knowledge and expertise with Hive, Impala and Spark.
- Designed, developed, and maintained efficient and scalable ETL (Extract, Transform, Load) processes, ensuring seamless data integration and transformation across systems.
- Managed and optimized MS SQL databases, ensuring data integrity, security, and performance to support business operations and analytics.
- Write complex queries using Hive and Impala to help transform the data to be fed to Hadoop Data Lake platform
- Developed and maintained data warehouses and data lakes, facilitating robust business intelligence and analytics capabilities. Strong experience working with RDBMS and query languages such as T-SQL, PL/SQL, Spark SQL.
- Utilized tools such as SQL, Python, and Spark for advanced data analysis, processing, and visualization, enhancing the accuracy and depth of business insights.
- Created visualizations including charts, and dashboards to communicate findings and KPIs to stakeholders and executives.

ENVIRONMENT: Microsoft Excel, SQL, ETL, Power BI, Oracle database Integrator(ODI), T-SQL , PL/SQL, Spark SQL, Python, Agile.

TATA CONSULTANCY SERVICES –Hyderabad, India.

June2019 – January2023

CLIENT: STATE STREET BANK AND TRUST, Boston, Massachusetts

ROLE: Business Data Analyst

PROJECT: Support their bank in their Business Intelligence Reporting, gather requirements, analyze the existing data and provide solutions to process the existing data to get the report in the specified format and output. Involved and gathered requirements from the business users and created technical specification documents.

Business Process Management (BPM) Automation of workflow using BPM and building dashboards for better efficiency and faster delivery. Cloud reporting: Build automated or on-demand reports distributed to clients through Model Reporting Platform (MRP) – a centralized reporting platform to automate report generation, distribution and report execution On-Demand.

- Created detailed logical data models for various data tables used in reporting, facilitating clear understanding and visualization of data relationships and structures for stakeholders and developers
- Prepared comprehensive data mapping documents to guide developers in report generation, clearly defining data sources, transformations, and target formats to enhance collaboration and reduce discrepancies
- Utilized JIRA for effective requirements tracking, maintaining a Kanban board to prioritize and manage tasks, and ensuring all team members are aligned during daily stand-up meetings to monitor progress and velocity.
- Wrote complex SQL queries in MS SQL Developer to extract, manipulate, and validate data, providing clear documentation and guidance to developers to ensure correct implementation and adherence to requirements.
- Collaborated with cross-functional teams, including data analysts, business users, and IT developers, to ensure that reporting solutions meet business needs and are delivered within timelines.
- Implemented quality assurance measures to validate data outputs against business expectations, leading to a 30% reduction in post-deployment issues and enhancing overall user satisfaction.
- Engaged in continuous process improvement initiatives, providing feedback to refine ETL processes and reporting frameworks based on user feedback and evolving business requirements.
- Incorporated stakeholder feedback to create an Executive Dashboard, resolved quality issues, optimized dashboard performance.

- Utilized DAX to create calculated columns and measures to build a dynamic dashboard with features such as KPI's, trends, Top Performers
- Published report on Power BI service for user acceptance testing (UAT) and Data validation through Excel Analyze.
- Created data and transformation mapping specifications to support system integrations and ensure accuracy in data processing workflows.
- Planned, designed, and documented the optimum usage of space requirements and distribution of space for the Data Warehouse.
- Managed all indexing, debugging, optimization, and performance tuning using T-SQL.
- Worked on creating and modifying SQL Joins, sub-queries, and other T-SQL and PL/SQL code to implement business.
- Used OLAP cube in Power BI to drill down on layered dimensions to understand and analyze the KPI's necessary for the team's performance and progress.
- Developed and maintained comprehensive logical and physical data models using ERwin Data Modeler, ensuring alignment with business requirements and industry standards.
- Actively participated in daily scrum and Sprint meetings as part of Agile Environment.

ENVIRONMENT: MS EXCEL, SQL, Power BI, Erwin, T-SQL , Python, Agile, PL/SQL, XML, Informatica, OLAP,OLTP, SSIS, SSRS, Git.