

SANGEETHA S

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OBJECTIVE

Dedicated ETL Testing Specialist with over 4 years of experience in validating data consistency, accuracy, and performance of ETL processes. Strong expertise in ETL testing methodologies, data validation, and data quality assurance. Proficient in SQL, data warehousing, and testing of complex data transformation processes. Demonstrated success in ensuring data integrity and collaborating with cross-functional teams to deliver high-quality data solutions.

SKILLS

- **ETL Testing:** Manual, Functional, Integration, End-to-End, Regression, Performance, Load Testing
- **Data Management:** ETL Processes, Data Warehousing, Data Modeling, Data Transformation
- **Tools & Technologies:** SQL, Power BI, Python, JIRA, Azure DevOps
- **Methodologies:** Agile, Waterfall
- **Defect Management:** Bug Tracking, Test Management

EXPERIENCE

ETL Tester

Cognizant Technology Solutions | Nov 2020 – Present

Project: 1CAAP

Project Description:

1CAAP or One Cognizant Analytical Applications is an internal migration project from Pentaho to Power BI. The project involves Cognizant's internal applications, including resource management, transportation, seat allocation and end to end demand-supply. The migrated Power BI dashboards and reports are integrated within the Cinsights framework, allowing end-users to access analytical applications directly from the 1C App store.

Responsibilities:

- Collaborated with Data Engineers and ETL developers to understand business requirements, data flows, and the data transformation process.
- Designed, developed, and executed manual and automated ETL test scripts to validate the correctness of data transformation logic, data loads, and data migration.
- Improved data quality by 90% via proficient usage of SQL queries to analyse backend database performance.
- Validated data quality by performing data profiling, reconciliation, and accuracy checks across multiple environments.
- Identified and analysed root cause analysis of reported critical bugs related to data integrity, ensuring data accuracy and project success.

- Executed Test Cases, Test script in JIRA and documented 120+ defects in JIRA in first year of employment.
- Spearheaded the testing of 10+ complex ETL processes per quarter, increasing delivery speed by 80% and data accuracy by 95%.
- Created Defects Reports for each project, detailing identified issues and proposed solutions, which were then used by the Development team to make necessary changes.
- Wrote and optimized SQL scripts for data transformation and testing.
- Well-versed with all stages of the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
- Performed regression, performance, and load testing for ETL processes to ensure optimal performance of data pipelines.
- Prepared SQL queries to perform count, duplicate, audit, DDL, incremental, and data validation using Excel with conditional formatting, VLOOKUP, and pivot tables.
- Collaborated with project managers and developers to translate business needs into measurable testing objectives and KPIs.
- Assisted the team in implementing Scrum methodologies, improving project deliverable quality by 60%.
- Maintained and distributed daily, weekly, and monthly status reports to stakeholders, keeping them informed of project progress and potential roadblocks.
- Expert in manual, ETL, data warehouse, BI report, UAT, SIT, E2E, regression, smoke testing, and sanity testing using SQL Server, resulting in increased efficiency and a 75% reduction in data processing time.
- Managed multiple projects concurrently, ensuring timely completion and adherence to deadlines.

EDUCATION

B.Sc. Mathematics with Computer Applications

University of Madras | Valliammal College for Women | 2020 (*University rank holder*)

CERTIFICATION & ACHIEVEMENTS

- Certified PL-300 Microsoft Power BI Data Analyst.
- Certified AI-900 Microsoft Azure AI Fundamentals.
- Certified DP-900 Microsoft Azure Data Fundamentals.
- Google Cloud Certified - Professional Data Engineer.
- Awarded 1CAAP NON-HR - Multiple Dashboard Accomplishment towards the year 2023 Award - For testing Power BI Dashboards.
- Awarded 1CAAP - Q2 Accomplishments Award in the year 2022.