

## Experience Summary

- Functional and Testing experience on Airflow Dags, Python and PySpark, Shell scripts, Hadoop, Map Reduce, HDFS, HIVE and HBASE.
- Certified on technologies like **Python, PySpark, Scala and SQL Server** for building data lake
- Worked on Cloud ecosystem third party tools like Protegrity, Bedrock, Datameer and Dataguis technologies for testing PII data.
- Worked extensively on testing the Data integration, Performance optimization and tuning complex SQL queries.
- Worked on Cloud services like **AWS and on-premises like MapR, Cloudera.**
- Excellent communication, team coordination and interpersonal skills

## Professional Experience

**Warner Media, Bengaluru**  
**QA Developer**

**Jan 2018 - till date**

### QA Roles:-

- Involved in gathering requirements from Product Owners and creating test cases.
- Working in the QA team in developing and implementing quality-assurance and quality-control methodologies to ensure compliance with QA standards, Revenue Assurance and business specifications.
- Written SQL scripts to validate data in the target data repositories against the data in the source systems.
- Written SQL scripts to validate data surfacing in BI assets like tableau against the data sources.
- Ensured data quality by checking against different data source and the target application
- Tracked, monitored and document the testing results
- Written reusable tests as per best practices so that crucial functional requirements are verified and tests remain valid when code is refactored.
- Ensured test environments are always maintained with required configuration and test data.
- Responsible for the test environment before test execution and managing and monitoring the test environment during test execution.
- Scheduled and monitored test execution and updated on the test progress, the production data quality status and the test results and collaborating the test plan after discussing with Business Stakeholders.
- Working knowledge on **Kubernetes** deployments
- Tested the **PII secured** data and involved in CCPA PII testing projects
- Experienced in RDS, Athena, S3, EMR, Redshift, Glacier
- Knowledge on CI/CD pipelines such as **Jenkins, Github and also Ansible playbook.**
- Tested datasets on Snowflake and its underlying pipelines.
- Experience in TDD/BDD and worked on **automation** tools like katalon studio and qtest

**American Express,Bengaluru,Phoenix Arizona  
QA Engineer****Jan 2016- Dec 2018****Roles :-**

- Tested application level testing and enhancements to various suite of applications using technologies such as **Hadoop, MapReduce, Hive, Pig, Java, Python,Pyspark** and others depending on specific requirements.
- Coordinate defect resolution of all defects recorded during testing phases
- Worked with **Data architects** to understand and test the data pipelines
- Tested the ingestion of various feeds into Cornerstone Framework
- Tested the data load using the **pyspark** and load it into HDFS
- Developed numerous automated scripts to proactively raise alerts in case of any issues.
- Tested and developed pre-ingestion scripts used to test the data before pushing it into
- Participated in brainstorming sessions to optimize data ingestion workflow and to minimize data redundancies.
- Tested and collaborated with the architects - Datameer pipelines to load the PII data.
- Involved in cost optimizations of compute and storage across different servers.
- Collaborated with Administration team to provide the patch across the dev/QA servers.
- Worked on Excel including Pivot table,Vlookup,Macros and Slicer.
- Mentored the offshore production support team to support the cornerstone framework.
- Participated in root cause analysis for defects and provided process improvement suggestions to eliminate future occurrences of similar defects.
- Experience on bug tracking tools like **JIRA**

**IMS, Bengaluru\Chennai\Hyderabad, India  
Test Analyst****Feb 2013 -Nov 2015****Roles:-**

- Tested the SSIS jobs and documented it to share with stakeholders and business reviews.
- Worked and Tested the Migrational data from DTS to SSIS pipelines.
- Gathered functional requirements and translated them into High level design to develop data pipelines
- Tested data pipelines and SQL queries of ingestion processes for triple the load handling capacity of different ETL processes
- Prepared detailed workflow charts and diagrams that describe source to target mapping and transformations
- Contributed to the technical design documents, use cases, test cases and user manuals for various projects
- Involved on after production deployment
- Collaborated on code reviews, unit, functional and integration testing
- Worked with and assisting business and technical leadership to provide clarifications intent, identify problems, and make changes

**Educational Qualification**

- Bachelor of Engineering(B.E. Anna University Tamil Nadu,India) -First Class