

SUMMARY OF QUALIFICATIONS

- Tech Lead with around 9+ years of rich experience that includes ETL /DWH/DB solutions for a telecom and networking giants with onsite Business/IT facing experience and coordinating various project teams.
- Key member in migration of Cisco **Customer Success Data Foundation** Hadoop data platform to **Snowflake cloud data warehouse** solutions which included data gathering from heterogeneous systems, data modelling, data transformation etc.,
- **Worked with 17+ downstream teams** to gather requirements and design the different layers / Zones of enterprise Data Lake. (Landing Zone, Data Cleansing Zone, User access Zone).
- **Possess functional knowledge on Classic/Smart/ELA licensing and sales order**
- Implemented Open source Production data audit between Oracle/Teradata and Hadoop in **Annuities Business Transformation (ABT)** program.
- Implemented Open source **automation framework in Cisco FINBI domain**
- Showed more than **50% reduction in runtime** of Customer Success program's production ETL by migrating the existing jobs from hive engine to spark engine.
- Key member in modelling data for Cisco Digital Transformation program, which supplies data to **Cisco.com customer pages**.
- Showed performance improvements in **MongoDB versus Hbase** for API consumption.
- Implemented productivity utilities like tool to copy data between Hadoop edge nodes.
- Developing large-scale data processing programs/ETLs in Hadoop, processing the data in hive/spark.
- Implemented Continuous integration and Continuous development pipeline using GIT/Jenkins/udeploy/urelease.
- Driving Open source automation team and coming up with new features and tools.
- **Developed a fully data driven open source automation framework** for catering both front-end and back-end automation based on Java, Selenium web driver, Sikuli and Jenkins.
- Extensively worked in Data Migration projects among systems like Oracle, Teradata, Netezza, SAP HANA, and Hive/HDFS and AWS. Hands on in Data Modeling and Data Pipeline Design.
- Develop backend data set up for supporting REST API calls from production UI.
- **Driving discussions with Business** to understand the product/services, key focus areas from customer success perspective, related KPIs and how it affects customers. Capturing Business needs and requirements.
- Good knowledge in SQL performance tuning.
- **Automation using Scala to compare Snowflake data against Hadoop data with records running into millions.**
- Strong experience in working with SDLC models likes Waterfall and Agile Methodology. Strong experience of working with Agile Teams.
- **Working on different POCs including python and knowledge graph.**
- Working on Python Django framework to design a front-end reporting tool.
- Worked in Telecom, networking & Campaign Management domains.
- Involved in End-2-End projects where source data will be cleansed, transformed and then used for sampling while creating targeted campaigns through SAS CI studio.
- Designed and created artifacts according to Business needs in Data warehouse.
- Driven and handled Internal/External Reviews, Status Calls, Bug Triage and FSD Walkthrough within team and with Onsite Release management teams.
- Team mentoring and contributing across teams for solutions and solutions reviews
- Actively involved in all phases of the SDLC Viz., Requirement gathering, designing, solutioning.
- Enthusiastic, Self-starter, Eager to meet challenges and quickly assimilates new concepts and ideas. Committed and hard working with a quest to learn new technologies and willing to take up challenging tasks.
- Proficient in communication, presentation and negotiation skills.

TECHNICAL SKILL

Testing Tools:	Selenium WebDriver, QTP
Test Management Tools:	Quality Center/ALM, Jira, Rally
Programming Languages:	Java, Shell scripting, VB scripting, Python, C.
Databases:	Oracle, Teradata, Hive/Spark, MySQL.
Web-Development Technologies:	HTML, XML, CSS, JQuery, AJAX, JSP.
Operating Systems:	Windows 95/NT/2000/XP, UNIX, Linux.
Build Tools:	Maven.
CI/CD:	Jenkins

PROFESSIONAL EXPERIENCE

Client: Cisco Systems, Inc. Ltd

Dec14 – Present

Role: Technical Tech Lead

Domain: Networking

To enable Business to make informed decisions on level of engagement of customers by providing a solid framework where-in deployment and adoption data is readily available.

Responsibilities:

- Enable cloud warehouse constructs according to enterprise standards from existing BIG DATA systems.
- Develop data objects and APIs to provide data to downstream systems.
- Walking through the solution with Architects and implementing the changes.
- Star schema data modelling in snowflake cloud data warehouse to reduce system complexities and reduce the data redundancy.
- Developing shell scripts to clean up and load the data into hive tables
- Identify the scope for performance improvements in data loading area, implemented a spark solution, which realized a client benefit of 8+ hour's savings.
- Design and develop staging area, loading process for data load from Teradata/oracle/flatfiles etc., into snowflake.
- Understanding the business requirements and functional specifications of the client module
- Using native spark to bring data from snowflake to Hadoop for data reconciliation.
- Built and maintaining automation Open Source automation framework based on Java.
- Identify and walkthrough the automation solution to all stakeholders.
- Deploy the automation framework and educate the users to use it.
- Involvement in different POCs for data migration/deployment automation.
- Developed a scala framework to bring HANA data into Hadoop for downstreams consumption.
- Well versed in documentation of high level/detailed solution design document.
- Build analytics tools that utilize the data pipeline to provide actionable insights into customer acquisition, operational efficiency and other key business performance metrics.
- Developed and executed complex Automation Plan in Agile software development environment.
- Provide the technical assistance from design and development standpoint.
- Conduct status meetings with onsite and offshore throughout the project.
- Experienced in developing Java web application using MVC design pattern.

Environment: Project Skills: Rally, Selenium - Web Automation, Jenkins, Offshore - Onshore Co Ordination, Creating and Managing build plans, Acting as liaison between Testing and Development Team. Co-ordinating and Managing offshore delivery team. Technologies: Java Application testing, REST API Testing, Database Testing, Windows Server, Tomcat Server. Build Tools - Maven, CI Tools - Jenkins, Testing Framework - TestNG. Expertise with Java web application using MVC design pattern.

Client: Optus Pvt Ltd, Sydney, AUS

Jun 13 - Dec 14

Role: Senior Test Analyst

Domain: Telecom

Enabling warehouse capabilities to handle Next Generation communication products configuration, this data model equips the IT with the dataset to answer complex business questions.

Responsibilities:

- Gathering requirements & planning of design approach, project Tracking & Risk Management.
- Extensive knowledge of data warehouse testing procedures, data transformation stage, and data storage systems
- Comprehensive knowledge of business data modelling, transformation and ETL tools
- Experienced with warehouse software life cycle, appropriate testing environment, and data testing strategies
- Strong analytical and validation skills using SQL to validate the data loads, transformations for applications implemented in various databases TERADATA.
- Comprehensive knowledge of data warehouse design methodologies and industry standards.
- Good Knowledge of Telecom Domain with exposure to all the major sectors of Telecom like Campaign Management, Order Provisioning, Order Management, Billing, Service Assurance, Network Activation and Reporting
- Worked extensively on ETL Testing, DB Testing, DWH Testing, SAS Report Testing, Usability, Functional, Regression, Smoke, System Integration, DB Migration, End-2-End and Business Process Testing.
- Involved in End-2-End projects where source data is cleansed, transformed and used for sampling while creating targeted campaigns through SAS CI studio.
- Created Test Strategy/Approach, Test plan, high level Test Scenarios and derived test cases for execution.
- Driven and handled Internal/External Reviews, Status Calls, Bug Triage and DTP Walkthrough within team and with Onsite Release Test management teams.
- Created various test artefacts across all stages of STLC, like documenting best practices, preparing review check lists and defining acceptance criteria for most of the DWH projects.
- Was instrumental in designing the framework and creation of regression suite for various Data warehouse applications
- and execute tests. Ensure that all testing teams are adhering to the test methodology.
- Data Driven Automation Framework Development using TestNG and Java. POC on Golang.
- Design reusable maintainable code to be shared with other automation testers and suites.
- Knowledge of industry testing/development best practices
- Agile Development Methodologies (Scrum/Kanban)
- Using unit test frameworks such as JUnit
- Building mocks/stubs to perform isolated testing
- Experience with Git, and Jenkins

Environment: Project Skills: Teradata, Web Testing, CI Tools – Hudson, Customer Lifecycle Testing, Team leadership. Technologies: SAS CI. Reporting: HP ALM, quality center. Offshore delivery lead.

Client: Optus Pvt Ltd, Bangalore, India

Aug 10 - Jun 13

Role: Analyst

Domain: Telecom

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EDUCATION

Bachelors of Engineering, Dr. Ambedkar Institute of Technology, Bangalore 2010

CERTIFICATIONS:

- Teradata 12 Certified Professional.
- Certified Tester Foundation Level (CFTL) – ISTQB.
- Snowflake Cloud foundation.