

GOPINATH REDDY

ETL TESTER — ETL & Data Validation, Test Automation & Database Testing

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SKILLS

- **ETL & Data Validation:** Informatica PowerCenter, DataStage, DBT, Control-M, AWS Glue, Azure Cloud.
- **Database & Scripting:** SQL, PL/SQL, T-SQL, Oracle, SQL Server, DB2, RDS, Snowflake, Python, Java.
- **Test Automation & API Testing:** Selenium, Postman, SoapUI, Rest Assured, TestNG, JUnit, Q-Test.
- **CI/CD & Defect Tracking:** Jenkins, Git, GitHub, Bitbucket, JIRA, HP ALM, Zephyr, Maven, Kubernetes.

WORK EXPERIENCE

Digital QA Automation Engineer

July 2023 – December 2024

Federated Co-Op Limited

Ontario

- Engineered Selenium WebDriver automation in Java, optimizing test across 300+ cases and accelerating execution by 50% with modular scripting, reducing manual intervention and ensuring seamless regression cycles.
- Optimized API validation in Postman using Python, integrating ordered assertions that reduced defects by 37%, while enhancing SQL verification in Zephyr, cutting validation run time by 40% and ensuring data integrity.
- Pioneered cloud-based ETL testing using AWS Lambda, ensuring data accuracy across S3 and reducing data validation discrepancies by 45% through different automated schema verifications and structured test execution.
- Developed reusable ETL scripts in DBT, automating data transformation across different cloud environments using AWS S3 and Snowflake, improving test coverage by 60% and reducing manual validation efforts by 35%.

Quality Assurance Engineer

November 2021 – May 2023

PointClickCare Insurance

Ontario

- Assessed & initiated test cases covering 95% of business-critical workflows, improving coverage test reliability and accelerating defect resolution cycles by 30%, ensuring comprehensive validation of system functionalities.
- Managed RESTful API testing using Postman & Python, reducing manual effort by 60% while integrating Zephyr for systematic execution tracking, optimizing ETL validation and decreasing migration defects by 42%.
- Directed SQL-based backend testing for ETL processes, automating data verification scripts using DBT and Informatica, which increased test efficiency by 55% and reduced discrepancies in transformation logic by 30%.
- Collaborated with business teams to refine ETL mapping logic, identifying key transformation issues and reducing critical production defects by 40% through different data pipeline validations and methodical UAT sessions.

Senior Quality Analyst

September 2019 – September 2021

L&T Technology Services

India

- Designed Selenium automation scripts covering 90% of regression scenarios, reducing framework test execution time by 58% and improving release efficiency by integrating ordered reusable test components in Agile sprints.
- Directed regression testing in Jenkins CI/CD, integrating Python validation in Zephyr, reducing deployment validation by 45%, while optimizing SQL verification, decreasing test cycle time by 35% for multi-tiered systems.
- Administered Guidewire integration testing, ensuring seamless policy lifecycle execution, reducing integration defects by 50%, and improving data consistency across claim and billing modules using SoapUI & SQL validations.
- Implemented data migration testing strategies, automating validation of systematic data movement using DBT and Informatica, reducing ETL cycle time by 40% and eliminating redundant transformation logic errors.

Quality Analyst

March 2017 – August 2019

Apex Covantage Pvt. Ltd.

India

- Developed automated Selenium WebDriver scripts for e-commerce platforms, reducing regression test turnaround by 48% and increasing cross-browser compatibility coverage, ensuring seamless multi-device shopping experiences.
- Integrated Zephyr with Jira for automated defect tracking, reducing resolution time by 42% by linking test failures to organized root cause analysis, while Python-driven triage automation improved test stability in apps.
- Executed comprehensive database validation using SQL scripts and ETL pipelines, reducing order processing errors by 30% and ensuring seamless e-commerce transactions through systemized backend data integrity tests.
- Enhanced test case optimization strategies, implementing structured functional coverage matrices and risk-based testing methodologies that improved overall defect detection rates by 50% across core shopping and payments.

EDUCATION

PGD in Data Analytics for Business

January 2022 - January 2023

St. Clair College Center for the Arts, Ontario

Bachelor of Computer Science and Engineering

August 2012 - July 2016

J.N.T.U.H. , India