Diksha Singh

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📅 Date of Birth: 14th August 1996 | 🛂 Passport: U1905372 (Valid till 14/11/2029)

Professional Summary

Results-driven Senior Software QA Engineer with 5+ years of experience, including 4 years in manual,database testing and accessibility testing and 3+ years in ETL testing. Proven expertise in validating data pipelines, executing complex SQL queries, and ensuring high-quality software releases. Strong background in agile methodologies, accessibility compliance (WCAG 2.0/2.1), and collaborative delivery of scalable and secure solutions. Known for driving quality through meticulous planning, execution, and cross-functional coordination.

Core Competencies

- **Testing Types:** Manual, Automation, Regression, Functional, ETL, Exploratory, Accessibility, Database
- **ETL Tools & Platforms:** Microsoft Fabric (Data Pipelines, Notebooks, Lakehouse), Talend
- **Data Validation:** SQL, Delta Tables, Data Warehouse, OneLake, Lakehouse Architecture
- **Accessibility Testing:** WCAG 2.0/2.1, Axe, Wave, CCA, Accessibility Insights,NVDA,JAWS,talkback
- **Agile Tools:** JIRA, Confluence, Asana (Scrum, Sprint Planning, Retrospectives)
- **Defect Management:** Test Plans, Test Cases, Bug Tracking & Reporting

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Professional Experience

ARC-GATE – Udaipur, Rajasthan, IN

Senior Software QA Engineer | April 2021 – Present

- Spearheaded end-to-end test strategy development aligning with project goals and agile delivery cycles.
- Validated UI/UX elements across web and mobile platforms, enhancing usability and accessibility.
- Executed complex SQL queries for database validation, improving data integrity by 95%.
- Collaborated in Agile ceremonies and defect triage to ensure faster resolution and product stability.
- Partnered with developers, designers, and PMs for requirement analysis, test case creation, and regression validation.

Allied Pvt Ltd – Udaipur, Rajasthan, IN

Software Test Engineer | January 2020 – March 2021

- Conducted smoke, regression, and functional testing across diverse platforms to ensure robust releases.

- Executed accessibility testing in compliance with WCAG 2.0/2.1 standards, increasing inclusivity by 100%.
- Identified critical defects during manual testing and managed them via JIRA, reducing release delays.
- Reviewed and improved test case documentation to enhance test coverage and clarity.

Key Projects

Climb Credit – Senior Software QA Engineer

- Performed manual, regression, and accessibility testing for a fintech web app, ensuring 99.9% uptime.
- Improved the UAT cycle by detecting critical issues early in development.

Indeed Apply – Senior Software QA Engineer

- Conducted extensive functional testing for a large-scale job application platform.
- Ensured WCAG compliance through accessibility testing, improving usability for all users.
- Reduced production bugs by 40% through robust cross-browser and environment testing.

Winery System Chatbot – AI Tester (Prompt Engineering)

- Conducted prompt-based testing on the AI chatbot by submitting varied natural language queries through the **Microsoft Copilo**t interface.
- Validated chatbot responses by executing SQL queries, ensuring alignment between user prompts and backend data.
- Maintained 100% system uptime through ongoing usability testing, performance monitoring, and timely issue resolution.

Heritage Foundation – ETL Tester

- Designed ETL test cases for data migration between Marketo and Atlassian using Microsoft Fabric Data Pipelines, SQL Notebooks, and Lakehouse validation techniques.
- Achieved 98% data accuracy in automated data integrity checks using Delta Lake tables and OneLake storage.

Advanced Reporting System – Heritage Foundation – ETL Tester

- Performed end-to-end ETL validation using Talend and Microsoft Fabric Synapse Data Engineering.
- Validated Power BI reports by testing Direct Lake mode, Delta Table queries, and Dataflow Gen2 pipelines for over 1 million records.

Professional Development

- Pursuing hands-on training in **Selenium with Java**, **JMeter** (performance testing), and **API testing** using **Postman** and **Rest Assured** to enhance automation and performance testing skills.

Certifications

- **Web Accessibility Testing with Accessibility Insights** – Coursera

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Education

- **B.Tech** – Techno India NJR Institute of Technology | 2015 – 2019
- **12th** – Rajasthan Board, Guru Nanak Public Sr. Sec School | 2014 – 2015
- **10th** – Rajasthan Board, Guru Nanak Public Sr. Sec School | 2012 – 2013