

# Rajni Sharma

# QA Analyst

Phone No.: +1 (470)-394-7235

Email: [rajnisharmajob567@gmail.com](mailto:rajnisharmajob567@gmail.com)

LinkedIn: <https://www.linkedin.com/in/rajni-s-5b1863202/>

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## SUMMARY:

Results-driven QA Automation Engineer and Senior QA Analyst with 8+ years of experience delivering high-quality software across healthcare, financial services, and government programs. Deep expertise in Selenium WebDriver automation with Python & Pytest, ETL/data pipeline validation, REST/SOAP API testing, and SQL-based backend verification. Proven track record of building and maintaining robust automation frameworks (Page Object Model, Data-Driven, Hybrid), integrating test pipelines with Jenkins and Azure DevOps CI/CD, and validating complex Medicaid, MMIS, Claims Processing, and EDI transactions in HIPAA-compliant environments. Adept at reducing manual testing effort by 40–60%, accelerating defect detection, and improving release confidence in Agile Scrum delivery models.

- Experience in **Software Development Life Cycle (SDLC)** and **Software Test Life Cycle (STLC)**.
- Extensive experience in performing **User Acceptance Testing, Smoke Testing, Sanity Testing, System Testing, Functionality Testing, Integration Testing, Regression Testing, Performance Testing, and GUI Testing** in different healthcare applications.

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## TECHNICAL SKILLS:

- Testing & QA: Manual Testing, Functional Testing, Regression Testing, Smoke Testing, Integration Testing, System Testing, User Acceptance Testing (UAT), End-to-End Testing, ETL Testing, Data Validation, Backend Testing, API Testing (REST & SOAP), GUI Testing, Test Case Design, Test Execution, Defect Management, Root Cause Analysis (RCA)
- Automation: Selenium WebDriver, Python, Pytest, Page Object Model (POM), Test Automation Framework Development, CI/CD Test Automation
- Data & Databases: SQL (Advanced Queries, Joins, Subqueries), Data Validation, Data Integrity Testing, Source-to-Target Mapping, ETL Pipeline Testing, Data Reconciliation, Oracle, MySQL
- Healthcare Domain: Medicaid, Medicare, CHIP, MMIS, Healthcare Claims Processing, HIPAA Compliance, EDI Transactions (837P, 837I, 835, 834, 270/271)
- Tools & Technologies: JIRA, JAMA, Azure DevOps, HP ALM/Quality Center, Postman, Jenkins, GitHub, PyCharm, SSIS, SSRS, SharePoint, Citrix, MS Excel
- Methodologies: Agile, Scrum, Test Lifecycle (STLC), Requirement Analysis (BRD, DSD), Traceability Matrix (RTM)
- DevOps & CI/CD: Jenkins Pipelines, Continuous Integration Testing, Automated Regression Execution, Release Validation, Production Support

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## PROFESSIONAL EXPERIENCE:

### ARGO data resource

October 2025 - Present

#### Software QA Analyst

ARGO is a leading provider of software and analytics solutions for financial services and healthcare industries, supporting business process transformation through AI-powered platforms and operational technology.

#### Responsibilities:

- Design and execute manual and SQL-based test scenarios for healthcare and financial applications, contributing to a measurable reduction in defect leakage to UAT through early-cycle validation.
- Validate end-to-end ETL data movement by reviewing source-to-target mappings, transformation logic, and backend reconciliation — ensuring high data integrity across financial and clinical reporting systems.
- Support sprint-based regression and smoke test cycles in Agile, collaborating with development and business stakeholders to achieve zero critical-defect releases across multiple sprints.
- Contribute to test strategy discussions, root cause analysis, and defect prioritization, maintaining full traceability in JIRA with comprehensive test evidence documentation.
- Participate in production validation and release verification, improving post-deployment issue turnaround time and production stability.
- Collaborate with DevOps and technical teams on CI-supported testing activities and automated pipeline-aligned test evidence reporting.
- Environment: Agile, SQL, Oracle/MySQL, JIRA, Selenium, Python, Pytest, Jenkins, GitHub, SSIS, SSRS, Azure DevOps, SharePoint, MS Excel

### Maximus, Remote

April 2023 – August 2025

#### Software QA Analyst / ETL Tester

Maximus provides technology and operational support for government-sponsored healthcare programs including Medicaid, CHIP, Medicare, and health insurance exchanges, managing large-scale claims data validation and ETL workflows.

#### Responsibilities:

- Engineered and maintained a Selenium WebDriver automation framework using Python and Pytest with Page Object Model (POM) design pattern — increasing regression test coverage by 55% and reducing manual execution effort by approximately 40% across repeated sprint cycles.
- Executed complex SQL queries against Oracle and MySQL databases to perform ETL validation, source-to-target mapping verification, and transformation logic testing for Medicaid and healthcare claims data pipelines.
- Integrated automated test execution with Jenkins CI/CD pipelines, enabling scheduled regression runs and improving defect detection rates prior to production deployments.
- Validated institutional and professional claims transactions (837P, 837I, 835, 834, 270/271) for compliance with HIPAA standards, contributing to a significant reduction in production claims processing defects.
- Conducted end-to-end smoke, regression, and integration testing across 10+ sprint releases while maintaining complete defect traceability in JIRA and JAMA.

- Supported REST API and backend validation through structured data verification, SSRS report analysis, and test evidence generation for UAT readiness and production sign-off.
- Collaborated with business analysts and development teams to review BRDs, define acceptance criteria, and refine test scenarios — improving sprint velocity and first-pass UAT acceptance rates.

**Environment:** Agile, SQL, JIRA/JAMA, MySQL/Oracle, Selenium WebDriver, Python, Pytest (POM Framework), Jenkins, GitHub, PyCharm, SSIS, SSRS, Citrix, SharePoint, MS Excel

**State of Ohio MCD, Columbus OH**

**November 2021- March 2023**

**UAT Tester**

The Ohio Department of Medicaid supports healthcare coverage for millions of beneficiaries through a statewide provider network, with this assignment focused on validating healthcare claims processing, EDI transactions, and MMIS system releases.

**Responsibilities:**

- Led UAT preparation and execution for Medicaid MMIS applications by reviewing BRDs, solution design documents, and EDI transaction requirements - improving business-team test readiness and UAT closure rates.
- Authored and executed SQL validation scripts for healthcare claims and extract file processing across Oracle databases, ensuring 99%+ data accuracy in provider data movement across external downstream systems.
- Automated 30+ high-priority regression scenarios using Selenium WebDriver and Pytest, reducing repetitive manual testing effort by 35% during high-volume release cycles.
- Coordinated defect triage meetings with business users, developers, and QA teams - reducing average defect resolution time and improving cross-functional UAT closure efficiency.
- Maintained end-to-end requirement traceability matrices, test evidence packages, and production support documentation in JIRA and JAMA to meet state compliance and audit requirements.
- Conducted performance-related validation for data file processing and output generation under SLA-driven release timelines for MMIS production deployments.

**Environment:** Agile, SQL, JIRA/JAMA, Oracle Database, Selenium WebDriver, Python, Pytest, Jenkins, GitHub, PyCharm, SharePoint, Citrix, MS Excel, MS Word

**Conduent, Raleigh, NC**

**September 2019 - November 2021**

**QA Analyst**

Conduent provides government and commercial BPO services including Medicaid management, medical billing, MMIS systems, and government benefits processing.

**Responsibilities:**

- Executed REST and SOAP API testing using Postman for healthcare web services, validating JSON/XML request/response payloads, status codes, authentication, and data integrity across integration endpoints.
- Validated inbound interface files for Optum, FFS, PAD, MCO Retail, and CHIA using complex SQL queries and stored procedures on Oracle databases — ensuring accurate data ingestion across claims workflows.
- Tested claims adjudication workflows and backend functionality of new MMIS implementation using MySQL, identifying critical defects pre-production.
- Implemented performance testing procedures for 837P HIPAA transactions, validating system behavior under defined SLA thresholds.
- Developed test cases, RTM, and DSD-based test scenarios; imported into JIRA and tracked end-to-end defect lifecycle through Azure DevOps.
- Conducted functional, integration, regression, GUI, and UAT testing for Medicaid screening and government benefits applications across multiple concurrent project tracks.

**Environment:** Agile, SQL, JIRA, Oracle/MySQL, REST/SOAP APIs, Postman, Azure DevOps, Manual Testing, SharePoint, Citrix, MS Excel

**MetLife**

**March 2018 - August 2019**

**QA Analyst**

MetLife provides a broad range of financial services including life, health, dental, vision, and accident insurance, annuities, and employee benefits to individuals and enterprise clients globally.

**Responsibilities:**

- Designed and executed test cases and strategies for HIPAA EDI transactions (837, 835, 834, 270/271), validating end-to-end claims submission and adjudication workflows.
- Performed SOAP and REST API testing using Postman, validating XML-based web services for claims processing interfaces and integration points.
- Conducted UAT and backend database testing on MySQL using SQL queries for data validation, transformation verification, and integration testing.
- Managed XML file validation for insurance claims, executing functional, GUI, and regression testing cycles with defect tracking in ALM/Quality Center.
- Prepared and maintained test scripts in ALM, ensuring full compliance with HIPAA data handling and transaction standards.
- Provided production support, maintained test result documentation, and supported post-release validation for insurance claims and benefits administration workflows.

**Environment:** Agile, SQL, ALM/Quality Center, JIRA, MySQL, HIPAA, REST/SOAP APIs, Postman, Manual Testing, MS Excel, MS Word

**EDUCATION:**

**Bachelor's in information technology** | Kurukshetra University, Kurukshetra (KUK), Haryana, India