

PRABHAT KUMAR SINGH

Software Test Engineer — QA Automation Engineer

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Gurugram, India — Immediate Joiner

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Portfolio: prabhat-s-quality-forge.lovable.app

Professional Summary

Software Test Engineer with 3 years of experience in Manual Testing, Automation Testing, API Testing, and Database Testing across Healthcare, Banking, and Security domains. Skilled in Selenium WebDriver, Python, PyTest, SQL, REST API Testing, JSON Validation, Linux, Shell Scripting, Git, Jenkins, and Agile Scrum. Experienced in Web Application Testing, backend database validation using complex SQL queries, API validation, and automation framework development. Strong understanding of SDLC, STLC, defect management, and Agile methodologies.

Technical Skills

Programming Languages: Python, Java, SQL

Automation Testing: Selenium WebDriver, PyTest, Page Object Model (POM), Data-Driven Framework

Manual Testing: Test Planning, Test Case Design, Functional Testing, Regression Testing, Smoke Testing, Sanity Testing, Integration Testing, System Testing, User Acceptance Testing (UAT), End-to-End Testing

API Testing: REST API Testing, Postman, JSON Validation, API Authentication (Bearer Token)

Database: SQL, Complex SQL Queries, Joins, Subqueries, Database Validation

Platforms: Web Applications

Operating Systems: Linux, Windows

Scripting: Shell Scripting

CI/CD: Git, Jenkins, Azure DevOps

Tools: JIRA, Confluence, Postman

Methodologies: Agile Scrum, SDLC, STLC

Professional Experience

Software Test Engineer

May 2025 – Present

Altos Global Services Pvt. Ltd., Gurugram

- Performed Manual and Automation Testing for Healthcare Revenue Cycle Management (RCM) applications, ensuring quality across business-critical workflows.
- Developed and maintained Selenium automation scripts using Python and PyTest following the Page Object Model (POM) framework.
- Designed and executed test plans, test cases, test scenarios, regression suites, and reusable test data based on business requirements.
- Performed REST API Testing using Postman and validated JSON request and response payloads for backend services.
- Performed backend validation using complex SQL queries, joins, and subqueries to verify application data integrity.

- Logged, tracked, prioritized, and verified software defects using JIRA while collaborating with developers and business analysts.
- Executed automation suites using Git and Jenkins to support Continuous Integration (CI).
- Validated healthcare workflows including patient records, billing, document processing, routing, and database consistency before production releases.
- Participated in Sprint Planning, Daily Stand-ups, Sprint Reviews, Retrospectives, and Defect Triage meetings following Agile Scrum methodology.

Technology Stack:

Python, Selenium WebDriver, PyTest, SQL, REST API, Postman, JSON Validation, Linux, Git, Jenkins, JIRA, Agile Scrum

Software Test Engineer L2

Jun 2024 – Apr 2025

Vehant Technologies, Noida

- Performed Manual Testing for the Under Vehicle Surveillance System (UVSS).
- Validated Automatic Number Plate Recognition (ANPR), Vehicle Image Stitching, Dashboard, Search Module, and Report Generation modules.
- Designed and executed functional, integration, regression, and system test scenarios for Windows-based surveillance applications.
- Performed backend database validation using SQL queries to ensure data accuracy and consistency.
- Logged, tracked, and verified software defects using JIRA while collaborating with development teams.
- Executed regression testing before production releases to ensure application quality and stability.

Technology Stack:

Manual Testing, SQL, Windows, JIRA, Agile

Associate QA Testing Consultant

Jan 2023 – Nov 2023

ICICI Bank – Corporate Internet Banking

- Performed Manual Testing for Corporate Internet Banking (CIB) application covering Login, Fund Transfer, NEFT, RTGS, IMPS, Beneficiary Management, User Authorization, and Statement modules.
- Designed and executed test plans, test cases, test scenarios, and regression test suites based on business requirements.
- Performed REST API Testing using Postman and validated JSON request and response payloads.
- Executed backend validation using complex SQL queries, joins, and subqueries to verify transaction accuracy and database consistency.
- Logged, tracked, prioritized, and verified defects using JIRA while collaborating with developers and business analysts.
- Validated end-to-end banking workflows to ensure secure and reliable transaction processing.
- Participated in Sprint Planning, Daily Stand-ups, Sprint Reviews, and Retrospectives following Agile Scrum methodology.

Technology Stack:

Manual Testing, REST API Testing, Postman, SQL, JSON Validation, JIRA, Agile Scrum

Key Projects

Healthcare Revenue Cycle Management (RCM)

Healthcare Domain

- Performed Manual, Automation, API, and Database Testing for Healthcare applications.
- Developed Selenium automation scripts using Python, Selenium WebDriver, and PyTest.
- Validated REST APIs using Postman and JSON request/response validation.
- Performed backend validation using SQL queries, joins, and subqueries.
- Validated patient records, billing workflows, document management, AI-generated summaries, and business rules before production deployment.

Corporate Internet Banking

Banking Domain

- Validated Login, Fund Transfer, NEFT, RTGS, IMPS, Beneficiary Management, Statement Generation, and User Approval workflows.
- Performed Functional Testing, API Testing, SQL Validation, and End-to-End business workflow validation.

Under Vehicle Surveillance System (UVSS)

Security Domain

- Validated ANPR, Vehicle Image Stitching, Dashboard, Search Module, and Report Generation functionalities.
- Performed Functional, Integration, Regression, and System Testing for Windows-based surveillance applications.
- Verified backend database consistency using SQL validation.

Education

Bachelor of Technology (Mechanical Engineering)

Vinoba Bhawe University

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