

# ARSHIN PATEL

Software Testing and Quality Assurance Specialist

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## PROFESSIONAL OVERVIEW

A seasoned and detail-oriented **Software Testing Specialist** with over **2 years of comprehensive experience** spanning **Manual Testing, Automation Testing, ETL Testing, Database Testing, and Business Intelligence Reporting**. Proven expertise in ensuring seamless software functionality across complex domains such as **Card Payments, Insurance and Investment Banking**. Skilled in designing **data-driven test automation frameworks**, optimizing **quality assurance processes**, and driving compliance with industry standards like **PCI DSS**, and **SOX**. Equipped with advanced proficiency in tools like **Selenium, Pytest, Jmeter, Postman, Oracle, SQL Developer, MySQL, Visual Studio, Jenkins, GIT** and **Azure Cloud Platform**. Committed to delivering software solutions of the highest quality through innovation, collaboration, and meticulous attention to detail.

## TECHNICAL SKILLS

### Testing Expertise

- Mastery in **Manual and Automation Testing**
- Proficiency in **Functional Testing, Non-Functional Testing, Regression Testing, and Exploratory Testing**
- In-depth experience with **API Testing, GUI Testing, UAT Testing** and **SDLC/STLC**
- Expertise in **Performance Testing** using **JMeter** and **BlazeMeter**
- Advanced knowledge of **ETL and BI Testing** for data validation and transformation
- Knowledge of **Unix commands** and **Salesforce**

### Technical Acumen

- **Automation Frameworks:** Selenium, Pytest
- **Performance Tools:** JMeter, BlazeMeter, LoadRunner
- **API Tools:** Postman, REST Assured
- **BI Platforms:** Tableau, Power BI, Snowflake
- **Cloud Expertise:** Azure Data Factory, Azure Synapse Analytics, AWS, GCP
- **Programming Skills:** Python, SQL
- **Defect Management:** JIRA, HP ALM, Bugzilla

### Collaborative Skills

- Effective leadership in Agile Teams
- Exceptional communication and stakeholder management
- Analytical thinking to troubleshoot complex workflows

## RELATED EXPERIENCE

### Software Test Engineer | Synchron, Pune

June 2023 – Present

- Developed and maintained **automation testing frameworks** using **Selenium** and **Pytest**, enhancing testing accuracy by **35%**.
- Validated **API integrations** using Postman, ensuring secure and reliable data exchange.
- Conducted end-to-end **ETL Testing** for high-volume datasets on **Azure Synapse Analytics**.
- Managed **CI/CD pipelines** using **Jenkins**, achieving seamless integration of test automation.
- Collaborated with developers and business analysts to define comprehensive test cases and scripts.
- Executed **manual** and **automated tests** to identify software defects.
- Created detailed **test plans, scenarios, and test cases** for diverse applications.
- Generated insights using **BI tools**, enhancing decision-making for stakeholders.

## PROJECT EXPERIENCE

### 1. Investment Data Integration and Reporting Platform

**Client Name:** WealthFund Analytics

**Country:** United Kingdom

**Tools Used:** Informatica, Tableau, Snowflake, Databricks, JIRA

**Project Description:**

A robust platform for financial institutions to consolidate and analyze investment data. The system provides actionable insights through BI dashboards, allowing real-time monitoring of risk exposure and portfolio trends.

**Testing Types Applied:**

- ETL Testing, BI Testing, Performance Testing
- Data Quality Testing, Metadata Testing, Transformation Testing
- API Testing, Regression Testing

**Roles and Responsibilities:**

- Validated ETL pipelines for accurate data extraction and transformation.
- Conducted regression tests on BI dashboards to ensure report accuracy.
- Collaborated with stakeholders to optimize data visualization techniques.
- Monitored system performance during peak trading periods.
- Ensured data privacy compliance with financial regulations.
- Tested compatibility across multiple devices and environments.
- Performed integration testing of data feeds from financial exchanges.
- Verified predictive analytics for enhanced decision-making.
- Validated multi-currency compatibility for portfolio trends.
- Optimized data pipelines for scalability and efficiency.
- Conducted metadata testing for accurate data mapping.
- Validated KPIs displayed on dashboards for accuracy.
- Tested transformation logic within ETL workflows.
- Conducted API testing for data integration with external platforms.
- Monitored ETL performance during peak data ingestion periods.
- Performed role-based access validation for BI reports.
- Ensured seamless integration with Snowflake for cloud storage.
- Verified scheduling mechanisms for automated BI reports.
- Conducted exploratory testing for data anomalies.
- Tested advanced filtering and sorting features in dashboards.
- Collaborated with data engineers to optimize ETL processes.
- Ensured compliance with GDPR and other data privacy regulations.
- Conducted risk analysis for financial portfolio trends.
- Performed data completeness testing for high-volume datasets.
- Validated interactive dashboard elements for usability.

**2. Advanced Insurance Claims and Policy Management System**

**Client Name:** InsureSafe Technologies

**Country:** United States

**Tools Used:** Postman, Selenium, Pytest, JIRA, Azure Cloud, SQL Developer

**Project Description:**

A transformative solution for handling insurance claims, policy renewals, and compliance. This system integrates policyholder data, claim adjudication, and premium calculation in real-time. Leveraging cutting-edge analytics, the platform delivers actionable insights into policy trends and fraud detection, ensuring adherence to SOX and PCI DSS standards.

**Testing Types Applied:**

- Manual Testing, Automation Testing, Functional Testing
- Non-Functional Testing, Integration Testing, System Testing
- Regression Testing, Ad-Hoc Testing, GUI Testing
- API Testing, Performance Testing, Security Testing

**Roles and Responsibilities:**

- Conducted manual testing of claims workflows and policy administration modules.
- Automated policy renewal validations using Selenium WebDriver.
- Performed detailed API Testing to validate third-party integrations.
- Ensured data compliance using advanced SQL scripts.

- Generated analytical dashboards showcasing claims trends and fraud patterns.
- Created detailed test plans, scenarios, and cases for system validation.
- Ensured multi-channel compatibility for policyholder portals.
- Implemented robust error-handling mechanisms.
- Conducted security and compliance checks for sensitive policyholder data.
- Collaborated with cross-functional teams to refine workflows.
- Verified end-to-end integration with third-party insurance systems.
- Conducted GUI Testing to ensure optimal user experience.
- Performed data migration validation for existing policyholders.
- Documented test execution results and shared insights with stakeholders.
- Conducted recovery testing to ensure system stability post-failures.
- Validated error-handling coverage for edge cases in policy renewals.
- Analyzed behavioral coverage to ensure accurate system responses.
- Verified role-based access control for different user profiles.
- Ensured seamless backend testing for data consistency.
- Conducted compatibility testing for multiple browsers and devices.
- Designed automation scripts for repetitive regression testing.
- Collaborated with developers to debug critical integration issues.
- Optimized testing frameworks to improve efficiency.
- Validated email notification workflows for policy updates.
- Conducted exploratory testing for unplanned scenarios.

### **3. Global Payment Gateway and Fraud Detection System**

**Client Name:** SafePay International

**Country:** Singapore

**Tools Used:** Selenium, Pytest, Postman, JMeter, Jenkins

#### **Project Description:**

A secure payment gateway enabling multi-currency transactions with integrated fraud detection capabilities. Ensures compliance with PCI DSS standards, safeguarding sensitive financial data.

#### **Testing Types Applied:**

- Automation Testing, Functional Testing, Security Testing
- Performance Testing, API Testing, Load Testing
- Stress Testing, Sanitation Testing

#### **Roles and Responsibilities:**

- Automated payment workflows and transaction monitoring using Pytest.
- Conducted performance stress tests to validate system reliability during peak traffic.
- Validated fraud detection algorithms and anomaly patterns using BI tools.
- Ensured data encryption during transaction processing.
- Tested payment gateways across multiple platforms and browsers.
- Created and executed regression test plans.
- Developed comprehensive test reports for stakeholders.
- Conducted end-to-end testing for multi-currency payment flows.
- Collaborated with developers to debug critical issues.
- Designed test scripts for automated nightly builds.
- Conducted API testing for secure payment transactions.
- Validated load balancing mechanisms for high-traffic scenarios.
- Performed backend testing for payment reconciliation.
- Tested system integration with third-party financial APIs.
- Conducted recovery testing for payment disruptions.
- Verified payment success and failure workflows.
- Tested mobile payment compatibility across devices.
- Validated fraud detection alerts for accuracy and timeliness.
- Conducted stress testing for peak payment traffic scenarios.

- Ensured compliance with PCI DSS for secure transactions.
- Collaborated with security teams to address vulnerabilities.
- Validated batch processing for high-volume transactions.
- Conducted sanitation testing for data cleanup workflows.
- Optimized automated scripts for faster test execution.
- Performed exploratory testing for unusual payment scenarios.

## EDUCATION

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- **Bachelor of Science (Agriculture)**  
Mahatma Phule Agriculture University Ahmednagar | 2019-2023 | **78%**
- **Intermediate (64.31%)**  
Vainateya Junior College of Science Nashik
- **High School (89.20%)**  
Vainateya Vidyalaya Senior Secondary School Nashik

## CERTIFICATIONS

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- **Certified Selenium Automation Engineer**
- **Certified ETL and BI Specialist (Tableau, Power BI)**
- **Advanced SQL for Data Analytics Certification**
- **Performance Testing Specialist (JMeter, BlazeMeter)**
- **Azure Fundamentals Certified**

## ADDITIONAL INFORMATION

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- **Languages:** English, Hindi, Marathi
- **Soft Skills:** Strong Analytical Thinking, Excellent Communication, and Team Leadership
- **Awards:**
  - "Outstanding Automation Innovator" – Synechron
  - "Best Team Player" for leading collaborative efforts in QA processes
- **Interests:** Learning new technologies & tools, Exploring AI driven testing solutions

## Declaration

I hereby declare that the information provided is true and accurate to the best of my knowledge.

*(Arshin Ansar Patel)*