# Satyam Khatiwada

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## Professional Summary

QA Engineer with 3+ years of experience testing FinTech and enterprise platforms, including global remittance, core banking and multi-country payroll systems. Hands-on in Playwright with TypeScript automation, REST API testing (Postman), SQL validation and regression suites running in CI (GitHub Actions, Azure DevOps). Experienced in test planning, defect triage, release validation and cross-browser testing, with a record of catching critical defects before production. Fast learner who works independently, including reverse-engineering an undocumented system with no documentation. Use AI tools to speed up test design, automation and defect analysis, and validate AI-generated code for quality and maintainability.

## Core Competencies

**UI Automation:** Playwright, TypeScript, JavaScript, Page Object Model (POM), Fixtures, Reusable Components, Data-Driven Testing, Cross-Browser Testing, Parallel Execution.
**API Testing & Automation:** REST API Testing, Postman, Playwright API Testing, API Authentication, Request/Response Validation, JSON Schema Validation, Negative Testing, API Integration Testing.
**CI/CD & Development Tools:** Git, GitHub, GitHub Actions, Azure DevOps, Docker, CI/CD Pipeline Integration.
Leadership & Collaboration: Team Leadership, Stakeholder Management, Mentoring, UAT, Knowledge Transfer, Agile/Scrum
**AI-Assisted Testing:** Claude, Claude Code, Claude in Chrome, n8n workflow automation, AI-assisted test generation, validating AI-generated code, prompt engineering.
**Mobile & Cross-Platform Testing:** Cross-browser and responsive testing, Playwright device emulation, PWA testing.
**QA Strategy & Governance:** Test Strategy, Test Planning, Risk-Based Testing, Acceptance Criteria, Requirements Traceability, Release Assessment, Defect Management.
**Database & Programming:** SQL, Database Validation, Data Integrity Testing, Python, Java.
**Test & Defect Management:** Azure DevOps, Jira

## Experience

**QA Consultant, Qniverse Pvt. Ltd – Kathmandu, Nepal** October 2025 – Present

- Lead and mentor a 7-member QA team while remaining hands-on in automation, test design and release validation.
- Own QA for 6 enterprise products including Qnipay payroll (UK, Denmark, Singapore, New Zealand), Global Remittance, Core Banking, Rota Management, HR and Dynamics 365 Business Central.
- Keep payroll test suites current with changing statutory rules and new versions before each UK release.
- Built and maintain automated regression suites (Playwright + TypeScript) of 1000+ tests running in GitHub Actions/Azure DevOps on every release, reducing regression time from 5 days to 10 hours.
- Identified a defect in HMRC's official UK calculator during payroll validation; HMRC acknowledged the finding and the team.
- Found a critical defect in the maker–checker rule of the Global Remittance System before release and led the overnight fix and re-verification, preventing a production escape.
- Coordinated with the dedicated cybersecurity testing team on security testing for the Global Remittance and Rota Management systems.
- Plan QA capacity and oversee test design, test environments, test data and automation across projects.
- Triage and prioritise defects by severity, and report release readiness and go/no-go status to stakeholders.
- Developed automated API test scenarios to validate REST endpoints, request payloads, response structures, authentication and business rules.
- Performed backend database validation using SQL to verify transaction records, data consistency and business-critical workflows.

**Head AI & QA Automation Instructor, Qrius by Qniverse** February 2026 – Present

- Trained 500+ people through sessions at IIMS, Techspire College, Lincoln International College and in-house trainings.
- Lead the AI & QA Automation program, designing curriculum and delivering instruction on test automation and AI-assisted testing.

**QA Engineer, Qniverse Pvt. Ltd – Kathmandu, Nepal** October 2024 – October 2025

- Executed performance testing using Apache JMeter on mobile applications and Power BI projects, analysing system behaviour and identifying performance bottlenecks.
- Prepare release notes and quality sign-off for each release.
- Used SQL and GitHub to support backend validation, test execution and defect investigation.
- Led User Acceptance Testing (UAT) sessions and knowledge-sharing sessions across the company.
- Identified risks and raised pertinent questions to enhance project outcomes.

**Associate QA Engineer, Qniverse Pvt. Ltd – Kathmandu, Nepal** October 2023 – October 2024

- Developed workflow-based UI test automation using n8n and Power Automate for payroll software.
- Designed and executed REST API tests using Postman, validating endpoints, request payloads, response data and business requirements. Managed defects and testing activities using Azure DevOps.
- Proficient in agile methodologies, software engineering principles, and project management.

**QA Intern, Qniverse Pvt. Ltd – Kathmandu, Nepal** July 2023 – October 2023

- Gained working knowledge of UK payroll systems and Microsoft Dynamics 365 (CRM, Business Central, Field Service).

## Education

London Metropolitan University, Islington College, BSc (Hons) Computing December 2021 – December 2024

- Final Grade: First Class Honours
- Coursework: Artificial Intelligence, Advanced Database Systems Development, Cloud Computing and the Internet of Things, Advanced Programming and Technologies, Logic and Problem Solving

## Projects

**Qnipay Payroll Automation (Denmark, Singapore, New Zealand, UK)**

- Designed and executed functional, integration and regression tests for multi-country payroll workflows, validating statutory calculations and payroll outputs.
- Developed automated test scripts using Playwright with TypeScript and AL Test Tool to support payroll validation and regression testing.
- Tools Used: Playwright, TypeScript, AL Test Tool.

**Global Remittance System**

- Reverse-engineered an undocumented remittance system, establishing functional and technical documentation by analysing business workflows, mapping APIs and documenting JSP-based application flows.
- Designed and executed end-to-end test scenarios covering transaction workflows, business rules, maker-checker controls and critical financial operations.
- Developed automated regression tests using Playwright with TypeScript and performed database validation using SQL.
- Conducted performance testing to evaluate system behaviour and validate end-to-end functionality.
- Validated integrations with external services and APIs, including data exchange, authentication and error handling.
- Tools Used: Playwright, TypeScript, SQL, Power Automate, Excel.

**Core Banking, Rota Management and HR Systems**

- Worked on QA of the Core Banking System, focusing on the orchestration layer and Till Rights functionality, analysing relevant workflows and validating system behaviour.
- Led QA delivery for Rota Management and HR systems, overseeing testing activities and quality validation.
- Coordinated automation and security testing for the Rota Management system in collaboration with specialist teams.

**Microsoft Dynamics 365 – CRM, Business Central & Field Service**

- Performed end-to-end QA across CRM, Business Central and Field Service, covering client requirements, risk analysis, data migration, workflows, scheduling and reporting across web and mobile platforms.
- Tools Used: Power Automate, Excel, SQL, D365 Business Central, D365 CRM

## Certifications

AWS Academy Machine Learning, AWS Academy Cloud Foundations, Advanced PowerBI Certification, Data Analysis with Python