# AMRUTA KULKARNI

**Automation QA Engineer | Automation Test Engineer | QA Manual + Automation Tester**
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## PROFESSIONAL SUMMARY

Automation Test Engineer and QA Engineer with 6.8+ years of experience in manual testing and test automation for web, mobile, API, and database applications across banking (BFSI), payments, and B2B SaaS. Strong hands-on expertise in UI test automation using Selenium WebDriver with Java, TestNG, and Maven, and Playwright with JavaScript. Skilled in designing and maintaining scalable test automation frameworks (Page Object Model, Hybrid, Data-Driven, BDD) and in writing reusable automated test scripts. Experienced in API testing and API automation (Postman, Swagger), SQL database testing, regression, smoke, and end-to-end testing, test planning, test execution, defect reporting, and root-cause analysis using Jira and Zephyr. Experienced in AI testing and LLM testing of Generative AI chatbots and AI agents (response accuracy, relevance, hallucination checks, prompt-based test scenarios) and in using AI tools for test case generation. Strong in requirement analysis, SDLC and STLC, UAT coordination, and stakeholder communication in Agile Scrum teams with CI/CD practices. ISTQB CTFL certified.

## TECHNICAL SKILLS

**Test Automation:** Selenium WebDriver (Java), Playwright (JavaScript), Katalon Studio, Appium, TestNG, BDD, Hybrid Framework, Page Object Model (POM), Data-Driven Testing, Test Automation Framework Design and Development, UI Automation, Web Automation, Automated Test Scripts, Test Suites, Cross-Browser Testing, Regression Automation

**Programming & Scripting:** Core Java (OOPs, Collections, Exception Handling), JavaScript, SQL

**API Testing:** API Testing, API Automation, Postman, Swagger (OpenAPI), JSON, Request/Response Validation, Status Code and Payload Validation

**Database Testing:** Database Testing, SQL Queries, Joins, Data Validation, Backend/UI Data Consistency, DBeaver

**Manual Testing:** Functional, Regression, Smoke, Sanity, Integration, System, End-to-End (E2E), UAT, Exploratory, UI/Usability, Mobile (iOS/Android), Cross-Browser Testing

**AI / LLM Testing:** AI Testing, LLM Testing, Generative AI, AI Chatbot Testing, AI Agent Testing, Prompt Engineering, Prompt-Based Test Scenarios, Response Accuracy and Relevance Validation, Hallucination Detection, AI-Assisted Test Automation, AI Test Case Generation

**Business Analysis & Project Management:** Requirement Analysis, Business Requirements, User Stories, Acceptance Criteria, Requirement Traceability Matrix (RTM), Gap Analysis, UAT Coordination, Stakeholder Management, Sprint Planning, Release Validation, Status Reporting, Risk Identification, Test Management, SDLC, Agile, Kanban

**Performance Testing:** JMeter

**Domain Experience:** Banking and Financial Services (BFSI), Payments, B2B SaaS, Mobile Banking, Appointment Scheduling

**Process & Methodology:** Agile Scrum, SDLC, STLC, Test Strategy, Test Planning, Test Case Design, Test Execution, Test Data Preparation, Defect Life Cycle, Defect Reporting, Defect Triage, Root Cause Analysis, Test Coverage, Test Reporting, CI/CD

## TOOLS

**IDE & Build:** Eclipse IDE, Maven, TestNG, Git, GitHub, Version Control

**Test Management:** Jira (defect tracking and test management), Zephyr (test case creation and execution), TestMo, Xray, Confluence

**API, Database, Mobile & Performance:** Postman, Swagger, DBeaver, Appium, JMeter

**AI Tools:** ChatGPT, Claude, GitHub Copilot (AI-assisted test case generation and test script review)

## PROFESSIONAL EXPERIENCE

**Automation Tester** | UST Global, Pune **Nov 2025 – Aug 2026**

- Performed manual testing and UI test automation of web applications using Selenium WebDriver with Java, TestNG, Maven, and a hybrid test automation framework built on Page Object Model (POM); created and maintained automated test scripts and regression suites.
- Performed API testing with Postman and Swagger; validated request/response data and verified data integrity using SQL database testing queries.

- Executed functional, UI, regression, integration, and UAT testing across web and mobile workflows; documented test results, logged and tracked defects in Jira, performed root-cause analysis, and retested fixes.
- Validated banking/payment report access and organization permissions, including parent–child hierarchy and unauthorized-access scenarios.
- Collaborated with developers, Product Owners, and business stakeholders on requirement clarification, UAT coordination, defect triage, status reporting, and release validation in Agile Scrum sprints.
- Added an environment URL safeguard to automation scripts to prevent test execution against production.

**Product Test Engineer (Automation)** | Key Account Management (DemandFarm), Pune **Oct 2021 – Sep 2025**

- Tested a B2B SaaS Key Account Management (KAM) platform covering opportunities, dashboards, heatmaps, financials, org charts, reports, communications, tasks, meetings, and whitespace tracking.
- Designed test strategies, test plans, test scenarios, test cases, and test data; executed end-to-end, functional, regression, integration, and exploratory testing to improve test coverage.
- Developed and maintained test automation scripts and framework components using Selenium WebDriver with Java, TestNG, Maven, Appium, and JMeter, applying POM, data-driven, and BDD approaches.
- Created and executed test cases in Zephyr and TestMo; tracked and managed defects in Jira.
- Tested iOS and Android mobile applications; validated API/UI/database data consistency using Postman and SQL.
- Performed AI testing and LLM testing of the Kampanion Generative AI chatbot and AI agent workflows for response correctness, relevance, consistency, and hallucination risks using prompt-based test scenarios.
- Analyzed requirements, user stories, and acceptance criteria; maintained requirement traceability; contributed to end-to-end testing of the 10.0 release and coordinated issues with product and engineering stakeholders.

**Software Test Engineer** | Quality Kiosk Technologies, Mumbai / Remote **Feb 2021 – Oct 2021**

- Prepared test scenarios, test cases, and test data from business requirements; executed tests and documented defects.
- Built and maintained Selenium automation infrastructure using Page Object Model (POM) and data-driven testing; supported functional and regression cycles.

**Software Web Engineer** | VSH Solutions, Pune **Jan 2013 – Jul 2014**

- Prepared test scenarios and test data; created Selenium WebDriver test cases; performed functional and regression testing and maintained test reports.

## PROJECTS

**R360+ Deluxe – Bank of America (Banking Application)**

- Created UI test automation for banking reports and extract workflows using Selenium WebDriver with Java, TestNG, and Maven in Eclipse.
- Built on a hybrid test automation framework with Page Object Model (POM), data-driven testing, and BDD; performed API testing with Postman/Swagger and database testing with SQL.
- Managed defects in Jira and test cases in Zephyr; ran regression and smoke suites for release validation.

**KAM Chatbot – Key Account Management (AI / LLM Testing)**

- Tested a Generative AI / LLM-powered chatbot built for key account managers; validated AI-generated responses for correctness, relevance, and consistency.
- Tested AI agent creation and agent workflows; applied prompt engineering to design test prompts for functional and exploratory validation.
- Verified chatbot output against application data using API and SQL checks.

**D-Doc Doctors Appointment – Mahindra & Mahindra**

- Tested appointment scheduling workflows across web and mobile; executed functional and regression testing.

## EDUCATION & CERTIFICATION

**MCA, Computers** – Pune University, Maharashtra (71%)

**B.Sc., Computers** – Shivaji University, Maharashtra (67%)

**ISTQB Certified Tester – Foundation Level (CTFL)** – Certificate ID: CTFL-147358