

# Ankit Kabrawala

## Senior QA Automation Engineer (SDET)

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### EDUCATION:

Master of Science in Software Engineering  
Bachelor of Science in Computer Science  
Certified Scrum Master

New Jersey Institute of Technology  
Rutgers University  
Scrum Alliance

### PROFESSIONAL SUMMARY:

- **10 years** of experience in Information Technology, specializing in Quality Assurance (QA) and the Software Testing Lifecycle (STLC).
- Proficient in both **automated** and **manual** testing, utilizing a range of tools such as **Selenium IDE/WebDriver/Grid, Cypress, Playwright, Maven, AEM, TestNG, Jenkins, Cucumber, SOAP UI, POSTMAN, Jira, ALM, SQL, Quality Center, POSTMAN, Xray, and TestRail.**
- Experienced in executing various testing types, including User Acceptance Testing (UAT), **Unit Testing, System, Integration, Smoke, Functional, Back-end database, API, GUI, Regression, and Performance testing.**
- Expertise in Web Services testing with **SOAP UI, XML, and WSDL**, as well as a solid understanding of **SOA architecture, encompassing SOAP Web Service and Restful Web Service Testing.**
- Proficient in source version control tools such as **GitHub, GitLab, Bitbucket, Azure, and Subversion (SVN).**
- Delivered high-quality software solutions through **meticulous testing and continuous improvement.**
- Recognized for expertise in **Agile** management and software development, holding a **Certified Scrum Master certification** from Scrum Alliance.
- Experienced in Mobile Automation using the Appium automation framework and WebDriver.
- Well-versed in **SDLC, STLC, Agile, V model, and waterfall methodologies.**
- Strong background in comprehensive testing phases, such as **Positive, Negative, Integrative, Functional, System, Regression, Data Migration, UAT, Database, Security, and Usability.**
- Skilled in conducting test case reviews, providing project-related status reporting, coordinating release planning, and leading cross-functional testing teams.

### TECHNICAL:

<b>Programming Language</b>	Java, JavaScript, Python, TypeScript, C#
<b>Automation Tools</b>	Selenium WebDriver/GRID, Playwright, Robot Framework, SOAP UI, Cucumber
<b>Test Framework</b>	Junit, TestNG, TD/BD/ DD Development, Protractor, Cypress, Boto3, TestComplete
<b>Performance Testing</b>	JMeter, Blazemeter
<b>Methodologies</b>	Agile, Waterfall, V-Model, Certified Scrum Master
<b>Bug Reporting Tool</b>	JIRA, AML, Bugzilla, Visual Studio TFS, Azure Devops, YAML
<b>Scripting</b>	SQL, HTML, XML, CSS, Shell Scripting, Node.JS
<b>RDBMS</b>	Oracle, MySQL, SQL Server
<b>Browser Testing Add-ons</b>	Chropath, SelectorGadget, Xpath checker, Firebug
<b>Build Tools</b>	ANT, Maven
<b>Continuous Integration</b>	Jenkins, GitHub/Bitbucket, Docker
<b>Platforms</b>	Windows, Mac OS, LINUX

### EXPERIENCE:

#### Dun & Bradstreet

Lead QA Automation Engineer | Mar 2021 – Present | Remote

- Developed **multiple automation frameworks** for **various projects** within the organization.
- Planned and executed comprehensive testing strategies, encompassing both functional and performance tests.
- Upgraded a legacy Java **Jbehave** framework to **Playwright** Framework using **JavaScript**, utilizing **AWS CloudFormation** to automate infrastructure provisioning and deployment.

- Utilized **Playwright's API** support to ease complex UI interactions and performed comprehensive testing across different web applications.
- **Mentored** junior team members, providing guidance on Snowflake data modeling, **SQL** query optimization, and performance tuning techniques.
- Collaborated with **Adobe Experience Manager (AEM)** QA team to ensure the functionality and quality of web applications built on the AEM platform. Utilized **AEM** tools and libraries to create, manage, and validate web pages and components. Proficient in **AEM CRXDE** for content management and manipulation.
- Created test cases, scenarios, and executed functional tests using **AEM** library. Validated AEM components, end-to-end workflows, and user interactions.
- Worked on **Cypress**-based automation framework using **JavaScript**. Completed multiple Cypress-related courses and earned relevant **certifications**. Developed automation scripts for web applications using **Node.js** and **Cypress**.
- Performed **Web Services testing** using **Postman** to ensure the functionality of API endpoints.
- Developed **SQL** scripts to validate data obtained from **API** requests to ensure accuracy.
- Utilized **GitHub/Bitbucket** for source code management, participated in code reviews, creating and resolving merge requests.
- Incorporated **RestAssured** library to implement **API** testing within an existing **Robot framework**

## JPMorgan Chase & Co

Senior QA Automation Engineer | Feb 2020 – Mar 2021 | DE

- Performed extensive testing with **Playwright** to validate web application functionality, identify defects, and ensure a high level of quality.
- Integrated **AWS SQS** with other **AWS services** to automate verification of data being processed during SQS.
- Managed Docker containers for deployment of test environments using **AWS ECS**.
- **Documented** Automated Tests on **Confluence**, facilitating the team's ongoing execution of tests and ensuring **comprehensive** test coverage.
- Utilized **SQL** to extract, manipulate, and analyze large **datasets** for data-driven business decisions and enhanced performance.
- Implemented end-to-end testing using **Playwright** on **AWS**, ensuring compatibility across multiple browsers and leveraging **AWS CodePipeline** for continuous testing and deployment. Collaborated with **DevOps** to integrate **Playwright** into the **CI/CD** pipeline for continuous testing and faster feedback loops.
- Collaborated closely with the development team, utilizing **Agile** methodologies like **Scrum**, **Kanban**, and **XP** to identify and address defects in applications.
- Created **test plans**, **test cases**, and **test scripts**, aligning with specific software testing objectives. Assisted in the review and finalization of **agile stories** for **quality deliverables**.
- Conducted **manual testing** using **Postman**, verifying the **performance** and **integrity** of **software applications**.

## JPMorgan Chase & Co

SDET Engineer | Contract | Aug 2019 – Jan 2020 | DE

- Applied a range of agile programming techniques, including Test-Driven Development (**TDD**), Data-Driven Development (**DDD**), Continuous Integration (**CI**), and Story-Based Iterative Development (**SID**) to ensure high-quality software deliverables.
- Employed **Cucumber** and **Selenium** for **acceptance testing**.
- Collaborated closely with the application team to **integrate automation test cases** into the **continuous integration(CI)** process while **generating** and **preparing** test data for comprehensive testing.
- Conducted extensive testing of **UI**, **API**, **functional**, and **integration** scenarios using the **Cypress** framework and **JavaScript** on **AWS EC2 instances**.
- Utilized **Node.js** packages to enhance **cross-browser** compatibility and expand testing coverage.
- **Analyzed** and **comprehensively** reviewed product requirement documents provided by the **Project Manager**.
- **Reduced manual effort** by automating database tasks using **SQL scripts** and relevant tools.
- Validated **API** data accuracy and integrity by developing, executing, and automating **SQL scripts**, ensuring consistent and reliable results.
- Demonstrated proficiency in designing and building **XML** for automation scripts.

- Utilized **Github** for efficient **source code** management, engaged in the review and creation of **merge requests (MRs)**, and effectively troubleshooting build issues when required.

## Texas Life

Senior QA Automation Engineer | Oct 2018 – Feb 2019 | NJ

Short-term project focused on automating testing processes to reduce manual testing efforts and increase defect reporting. Mendix platform was used to build multiple applications, which needed to be manually tested and automated. A Python-based Robot Framework was used to build the automation.

- Developed comprehensive automation test plans and test cases aligned with precise business requirements.
- Transformed manual test cases into scenario-based automated tests, enabling efficient **end-to-end** testing.
- Leveraged Python and Robot Framework with PyCharm IDE to create robust and reliable test scripts.
- Integrated **AWS CloudFormation** with the **Robot Framework** to automate the provisioning and configuration of test environments.
- Utilized **YAML** to create and maintain **Docker** Compose files.
- Proficient in **Python** scripting with **Boto3**, enabling automated provisioning of **EC2 instances**, **management of S3 buckets**, and **configuration of IAM roles and policies**.
- Built a customized **Robot Automation Framework** from the ground up, following the **Modular Framework** concept to **enhance maintainability** and **scalability**.
- Conducted thorough **multi-browser** testing, ensuring application compatibility with **IE**, **Firefox**, and **Chrome**.

## Iconectiv

SDET Engineer | May 2018 – July 2019 | NJ

Played a pivotal role in the development and administration of the core application, which encompassed a suite of tools for efficient customer resource management. The central application served as a centralized registry, enabling seamless search, demographic information editing, order record creation, and various other actions based on access authorization.

- Led the development of a **Robot Automation Framework** from **scratch**, implementing a **Modular Framework** model to facilitate efficient **UI regression testing**.
- Utilized **SQL** to create and manage **database** objects, including tables, views, and stored procedures.
- Leveraged **Postman** and **Newman** for **backend automation**, automating a comprehensive suite of regression test cases.
- Identified** and **implemented** test cases and scripts aligned with **Business** and **System Requirements**.
- Created** and **executed** test cases and scripts using **Python** and the **Robot Framework**, utilizing the **PyCharm IDE** for streamlined development.
- Efficiently** executed test cases in **parallel** across multiple target machines using the **Selenium GRID**.
- Demonstrated** expertise in **designing, managing, and supporting** the **Azure DevOps** platform and application infrastructure, encompassing **continuous integration, deployment, and build** management scripts.
- Developed, executed, and automated **SQL** scripts to validate **API** data and ensure data integrity.
- led the development of an **end-to-end UI automation framework** using **Protractor** using **TypeScript** to define test scenarios. Integrated with **Jenkins** for nightly regression testing and generated Protractor reports.
- Developed **JavaScript** script to **compare** responses from multiple endpoints, utilizing data provided by an Excel data sheet.

## PCRounders

QA Automation Engineer | May 2014 – Apr 2018 | NJ

The secure application provided online services for member account management, credit cards, loans, and financial information. Key features include sign-on, registration, Accounts, Personal Accounts, and Business Accounts. Testing for enhancements involved System, Integration, and regression testing stages.

- Created** comprehensive **test plans** and **test cases** based on **business requirements** documents and meetings.
- Collaborated** with **Business Analysts** and **Developers** to **analyze** requirements, **conduct** design reviews, and **ensure** thorough testing and **documentation** in an **agile environment**.
- Reviewed test assignments and executed tests, coordinating with developers to address and resolve any identified bugs.
- Developed and executed **SQL** scripts to **verify data integrity** from **API** calls.
- Implemented and maintained **automation acceptance** test suite using **Selenium** and **Cucumber framework**.
- Conducted testing across various areas including **smoke testing, security testing, GUI testing, and user acceptance** testing.