

AGIT AY

Rancho Cucamonga, CA | (840) 336-6134 agitaay@outlook.com

Senior SDET

Senior SDET with 8+ years of experience in the IT industry with focus on Software Quality Assurance through Manual and Automation testing of Web-Based applications.

SUMMARY:

- Proficient in testing applications in domains like **Finance, Insurance, Retail and Healthcare**.
- Excel in creating **Test Plan, Test Scenarios, Test Cases, Test data**, and performing Test execution.
- Experience in testing: **Positive Testing, Negative Testing, Functional Testing, Security Testing, Smoke Testing, Regression Testing, Black Box Testing, End to Testing, API Backend and Database Testing**.
- Proficient in each phase of **Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC) and Defect Life Cycle (DLC)**, Test Cases, Test Plans, UAT.
- Experienced in creating complex **SQL Queries** and performing Database testing in different RDBMS such as **Oracle Database and SQL Server**.
- Experienced in testing web applications and developed automation scripts using **Java, JavaScript, Typescript, SQL, JDBC, Selenium WebDriver, Cypress, Playwright, Maven, TestNG, JUnit and Cucumber**.
- Exceptional understanding of **API Testing** using **Postman** for manual testing/**Rest Assured Library, Super Test in Selenium WebDriver** for automation testing.
- Integrated **Jenkins CI/CD** with version controller **Git, GitHub**, and scheduled builds to run automatically during a build release by invoking predefined **Maven commands**.
- Set up/configured Smoke and Regression Tests as Jenkins jobs with **AWS Cloud Server** by creating EC2 machines and creating **Docker containers**.
- Proficient in building server-side applications using **Node.js** and **Express.js**, with a solid understanding of asynchronous programming and the event loop.

PROFESSIONAL EXPERIENCE

Sureify, Senior Software Development Engineer in Test (SDET), San Jose, CA

12/2021 – 08/2023

- Spearheaded the planning and development of 10+ hybrid, API, and DB testing frameworks and UI/backend structure aligned with defined project needs by utilizing Typescript.
- Leg high-performance team of 3 junior SDETs with keen focus on continuous staff learning and development.
- Liaised with cross-functional departments in all phases of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) in an Agile-Scrum environment to maintain quality development of Sprint deliverables.
- Oversaw test-data management via AWS. Maintain optimal flow of coordination and internal communication via Slack channels. Steer creation of preview env and Run Test via GitHub Actions and CI-CD process for QA.
- Administered implementation of Playwright and Jest as well as Open API lint to OAS.
- Drafted Jenkins file for Daily Smoke and weekly Regression Run.
- Planned and organized remote training sessions for 6 associates across India for six months to develop insight into core infrastructure.
- Developed security (Cloudflare) and performance testing (k6) framework for APIs.
- Implemented GitLeaks to all repos to prevent sending secrets to GitHub and confirmed security leak checks on each PR by implementing GitLeaks GitHub Actions.
- Managed creation of Integration Testing Frameworks for SDK and libraries used by multidisciplinary teams.
- Enabled early-stage testing for software changes by creating **Docker-/okteto-compose** files for each project.
- Deployed Percy to the existing framework and trained SDETs/QA engineers on effective utilization techniques.
- Performed Manual, UI(**Playwright/Percy**), Security (**Cloudflare**), Performance (**K6 Grafana**), API Testing (**Jest/Supertest**).
- Developed RESTful APIs using **Node.js** and **Express.js** to enhance application performance and scalability.

Counter Brands (Beauty Counter), SDET, Los Angeles, CA

03/2019 – 12/2021

- Scripted and executed test cases according to requirement documentation for **manual** and **automation** purposes following Software Testing Life Cycle (STLC) process within Agile Scrum framework.
- Reviewed User stories and transformed into test cases and test scripts for manual/automated testing.
- Creating **Test Plan, Test Scenarios, Test Cases, Test data**, and performing Test execution.
- Validated **Front-end and Backend** applications to **execute test cases and perform defect tracking**.
- Responsible for defining the automation framework and for using scripting languages **JavaScript**, automation tool **Cypress** to create the framework and automating the test cases.
- Executed Regression Testing, System Integration Testing, User Acceptance Testing.
- Participated in code reviews and ensured all solutions are aligned to pre-defined architectural specifications; identify/troubleshoot application code-related issues; review/provide feedback to final user documentation.
- Analyzed, facilitated, modeled, and organized information to elicit requirements, reconcile conflicts, and distinguish solution ideas from business needs.
- Used **GCP** for **CI/CD** on the cloud **GitHub Action** to run **Smoke** and Regression Testing and sent reports to team/Slack Channel from **Cypress Dashboard**.
- Performed defect reporting and bug tracking using JIRA and followed up with the development team to verify bug fixes, and update bug status.

Walgreens, SDET, Deerfield, IL

01/2017 – 02/2019

- Scripted and executed test cases according to requirement documentation for **manual** and **automation** purposes following Software Testing Life Cycle (STLC) process within Agile Scrum framework.
- Reviewed User stories and transformed into test cases and test scripts for manual/automated testing.
- Created **Test Plan, Test Scenarios, Test Cases, Test data**, and performing Test execution.
- Validated **Front-end** applications to **execute test cases and perform defect tracking**.
- Designed automation scripts to test **REST APIs (HTTP Get, Post, Put, Delete)** using **REST Assured** libraries and **Postman** tools; deserialize and verify http **JSON** responses.
- Executed Regression Testing, System Integration Testing, User Acceptance Testing.
- Utilized Jenkins for **CI/CD** on cloud **VM** to run **Smoke** and Regression Testing and sent reports to team
- Performed **Back-end testing** and **microservices** through SQL queries in Oracle SQL Database to retrieve and validate data with JSON responses manually and using JDBC to connect the database to the automation suite for API responses.
- Worked across functional (development/testing, deployment, systems/infrastructure) and project teams to ensure continuous operation of build and test systems using Jenkins.

Freddie Mac, QA Automation Engineer, McLean, VA

02/ 2015 – 11/ 2016

- Performed Manual/Automation Testing and **Backend Testing** by using **API Rest Assured libraries**.
- Responsible for defining the automation framework and for using scripting languages **Java, Selenium, Maven, Cucumber, TestNG, JUnit, JDBC, API** to create the framework and automating the test cases.
- Worked alongside cross-functional teams to identify and develop test cases for functional testing.
- Performed multi browser testing to establish cross browser compatibility.
- Utilized Apache libraries for importing/exporting data to external applications.
- Used SQL Developer for writing queries and verifying proper insertion of the information into database.
- Applied Jira to track the task and issues, attended daily status meetings to update the status of work.
- Utilized Jenkins for **CI/CD** on the cloud **VM** to run **Smoke** and Regression Testing and sent reports to team.

Robin IT Solutions, Manual QA Tester, Chicago, IL

06/2014 – 01/2015

- Maintained and updated web pages by implementing manual testing.
- Wrote and implemented Test Cases, Test Scenarios in accordance with Business and System requirements.

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- Utilized JIRA project management tool to generate and automate test cases according to the user stories based on the acceptance criteria and created bug tickets.
- Analyzed the Business Requirements and worked with the Development Team for understanding the details of Functional and Non-Functional Requirements on Web applications.
- Conducted meetings for the review of the test cases with managers, to improve the quality of the test cases; created, updated, and reviewed test cases and test scenarios.

EDUCATIONAL BACKGROUND

Certification: Scrum Master | ISTQB Foundation Level

Certification: CTME for DevOps Course, CalTech (Pending)

Bachelor of Arts in Healthcare Management, Dicle University, Diyarbakir, Turkey, Graduated 2014

(Evaluated by: ECE; Educational Credentials Evaluators & Equivalent to B.A. Healthcare Management in U.S.)

TECHNICAL SKILLS

Test Management:	Jira/Jira Xray, TestRail, Zephyr
Languages:	Python, JSON, JavaScript, Typescript, HTML, XML
RDBMS:	Oracle SQL, MySQL, PostgreSQL
RDBMS:	MySQL, Oracle, MS SQL Server
IDE:	Eclipse IDE, IntelliJ, Visual Studio Code
Development Methodologies:	Agile (SCRUM), Waterfall, Kanban
Project Building Tools:	Maven, Gradle
Version Control:	Git, GitHub, GitLab
Browsers:	Chrome, Firefox, Safari, Electron
CI/CD Tools:	Jenkins, GCP, CircleCI, GitHub Action
Operating System:	Windows, Mac OS
Framework:	Cucumber BDD, TestNG, TDD, Mocha
Testing Tools:	Cypress, Jest, Playwright, Cucumber, Selenium WebDriver, Web Driver IO, JUnit, Rest-Assured, Postman, TestNG, JMeter, Appium.