

Malleka MD

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PROFESSIONAL SUMMARY

Six years of experience in manual and automated software engineering, specializing in testing web and mobile applications in Agile environments. Adept at designing, implementing, and maintaining automation frameworks using Selenium, Appium, and TestNG. Proven ability to drive product quality by automating repetitive tasks, ensuring high-quality releases, and collaborating closely with cross-functional teams. Strong experience in UI and API testing, performance validation, and defect management through CI/CD pipelines. Passionate about continuous improvement and delivering optimal product functionality.

Skills

Test Approaches	Agile/Scrum, SDLC, STLC, Test Case Design, Test Plan Development, Bug Life Cycle
Test Areas	Unit Testing, Functional Testing, Regression Testing, UAT Testing, API Testing, Integration Testing
Testing Management	Test Plan & Test Case Design, Defect Tracking, STLC, SDLC, Agile/Scrum, User Interaction
Automation Frameworks	BDD Framework, TestNG, Cross-Platform Mobile Testing
Tools	Selenium WebDriver, Appium, TestNG
Programming Languages	C, Java, SQL, JavaScript, HTML
Databases	SQL
Defect Tracking & Reporting	JIRA, X-Ray, HTML Reports
Project Management & Collaboration	JIRA, Agile/Scrum
Version Control	Git, Branching & Merging, CI/CD

PROFESSIONAL EXPERIENCE

Software Engineer | T-Mobile

May 2024 – April 2025

- Designed and implemented an end-to-end mobile automation framework using Appium and TestNG for both Android and iOS applications, optimizing test coverage and reducing testing time.
- Automated UI and API tests, improving test efficiency across functional and UI areas of mobile apps.
- Integrated automated tests into CI/CD pipelines with Jenkins, enabling continuous testing and rapid feedback with each code push.
- Collaborated with cross-functional teams to identify and resolve bugs, ensuring high-quality releases.
- Conducted performance testing, validating load times and resource usage to meet performance benchmarks across various conditions.
- Measured, interpreted, and reported testing results, advocating for product quality at every stage of the development lifecycle.

Quality Analyst | Cognizant Technologies Solutions.

July 2021 - August 2022

- Automated functional and regression testing using Selenium, JUnit, and Page Object Model, improving test reliability and speed.
- Developed BDD test cases using Cucumber and Java, ensuring clear communication with non-technical stakeholders and improving test case clarity.
- Collaborated closely with developers and product managers to improve product testability and design, ensuring better integration of front-end and back-end systems.
- Contributed to CI/CD pipeline configuration, enabling automated test execution with each code commit.
- Created and executed SQL queries for backend validation, ensuring accurate data

integration.

Quality Assurance | Blue Cloud

Jan 2017 - July 2021

- Developed and executed manual and automated tests for both web and mobile applications, ensuring high-quality releases.
- Created and maintained cross-platform mobile automation frameworks with Appium, significantly reducing manual testing efforts.
- Conducted UI and performance testing, isolating, documenting, and tracking bugs until resolution.
- Participated in design reviews, providing valuable input on improving product testability and quality processes.
- Led initiatives to integrate automated tests into the CI/CD pipeline, driving automation coverage and improving test efficiency.

PROJECTS

Mobile Automation | T-Mobile

Phones, Messaging, and Calling Features

- Developed and executed automated test scripts for core mobile functionalities such as messaging and call handling on Android and iOS devices.
- Designed robust Appium-based test suites integrated with CI/CD pipelines for continuous testing.
- Ensured quality and performance compliance for mobile apps used in production environments.

QBE Insurance | Cognizant Technology Solutions

Policy Center, Billing Center, Claims Center

- Participated in the testing and automation of Guidewire-based modules including PolicyCenter, BillingCenter, and ClaimsCenter.
- Created test plans and executed backend validation using SQL for insurance transactions.
- Collaborated with developers and business analysts to ensure smooth integration across systems.

Salesforce Service Cloud | Blue Cloud

- Worked on Salesforce Service Cloud to validate customer support workflows and integrations.
- Developed automated tests for case management, email-to-case, and escalation rules using Selenium and TestNG.
- Conducted performance testing and UI validation to ensure optimal user experience across platforms.
- Supported release cycles with manual and automated test coverage for both web and mobile clients.

KEY ACHIEVEMENTS

- Automated mobile application testing, reducing manual testing efforts by 50% and improving overall test efficiency.
- Developed robust test frameworks, increasing test coverage across web and mobile platforms.
- Collaborated with cross-functional teams to implement a continuous integration process, improving product quality and release speed.
- Played a key role in optimizing the testing process by automating exploratory tests and repetitive tasks.

EDUCATION

University of Denver- University College

September 2022 - June 2024

Master's Information and communication Technology