Prabhakar Y
AUTOMATION | PERFORMANCE | REST API
✉ prabhtra01@gmail.com 📱 +91-8073929738
https://github.com/Prabhakar-Y
https://medium.com/@prabhtra01

Summary

- Over **12** years of experience in testing web and mobile applications, including Android, iOS, Chrome extensions, and Electron apps.
- Proficient in automation testing using a range of frameworks and tools such as Selenium, Appium, Playwright, and Cypress.
- Experienced in performance and load testing with tools like JMeter, BlazeMeter, and VSTS, as well as performance monitoring and optimization using New Relic, InfluxDB, and Grafana.
- Experienced in REST API automation with Rest Assured and adept in Behavior Driven Development (BDD) using Cucumber with Serenity BDD for detailed test case management and reporting.

Technical Skills

- **Web Automation:** Selenium WebDriver, Playwright,Cypress
- **API Automation:** Postman, Rest Assured, Handling Synchronous & Asynchronous API
- **Performance & Load:** JMeter, VSTS, BlazeMeter, New Relic, TSUNG, Jabber XMPP
- **Performance Monitoring tools:** Perfmon,Influxdb,Grafana
- **Mobile Automation**: UIAutomator2,Android Debug Bridge(ADB),Appium WebDriverIO for Flutter app,Appium-Flutter-Driver & Finder,Flutter sdk
- **Gen AI tools:** Postbot , TestCraft
- **Debugging & Network Packet Analyzer:** Wireshark, Charles
- **Test Case Management tools:** Bugzilla, Slack, Mantis, Atlassian Jira, Zephyr, Jira, Confluence,Azure DevOps
- **Build Tools:** Ant, Maven, Jenkin, Gitlab
- **Cloud Platforms:** AWS EC2,Azure Devops
- **Scripting:** Core Java, JavaScript, Python,Typescript
- **IDE:** Eclipse, IntelliJ, Xcode,Visual Studio,Amazon Q & CodeWhisperer
- **Frameworks:** Data-Driven, Page Object Model (POM), TestNG, BDD(Cucumber with Serenity BDD),Flutter toolkit
- **CI/CD:** Jenkins, Git Web Hooks ,Azure Devops
- **Code coverage**: Analysis using Istanbul & NYC

- **Operating System:** Mac OS, Windows
- **Containerization:** Docker with Influxdb & Grafana

Work Experience

Accion Labs India Pvt. Ltd.   **Aug 2019 - Present**
Senior Principal Software Engineer

Responsibilities:

- Lead QA team and developed test artifacts (cases, scripts, plans) for product functionality.
- Analyzed Android logs and iOS crash logs using ADB commands and symbolication.
- Collaborated with SMEs to ensure quality deliverables through modern tech tools and POCs.
- Planned, wrote, and executed test cases, managed QA activities.
- Implemented automation strategies with Selenium, WebDriver, TestNG migrated to Cypress with Typescript.
- Design implement and maintain automated test framework such as the Page Object Model (POM) for mobile applications using Appium and WebdriverIO, appium-flutter-finder & driver with TypeScript for Android for Flutter app and written Integration testing for Flutter app.
- Utilize the Flutter inspector tool for debugging and analyzing Flutter applications.
- Implement key and indexing strategies within the Flutter mobile repo source code.
- Build APK (Android) from the Flutter mobile source code and consume
- Implement code coverage tools like Istanbul & NYC to measure test coverage, analyze results, and identify areas for improvement in both mobile and web applications.
- Conducted API testing with Postman, Rest Assured, and Cucumber Serenity BDD.
- Performed performance and load testing using JMeter, integrated with InfluxDB and visualized results with Grafana in Docker.
- Managed third-party integrations (Jira, Azure, Salesforce, GitLab) with products.
- Integrated automated tests into CI/CD pipeline using Jenkins, Git, and Webhooks.
- Lead QA team management, hiring, coaching, and roadmap creation.
- **Technologies:** Selenium, TestNG, Cypress, REST API, Rest Assured, Cucumber Serenity BDD, Java, Git, Jenkins, JMeter, InfluxDB, Grafana, Javascript,Typescript,Appium WebdriverIO for Flutter app,Appium-Flutter-Finder,Appium-Flutter-Driver

Citrix R&D India Pvt. Ltd.   **Jan 2016 - July 2019**
Software Test Engineer

Responsibilities:

- Automated XenMobile Server Web Application with Selenium and Client Mobile Application with Appium (Android).
- Implemented MDX Wrapping for both Android and iOS platforms.
- Applied hooking and swizzling techniques on iOS and Android.
- Conducted security testing, including MITM attacks and Cert-pinning technique.
- Analyzed HTTPS/HTTP packets using Wireshark and Charles.
- Automated REST API testing with Rest Assured for XenMobile server environment setup.
- Integrated Selenium and performance tests with AWS EC2 and AWS Device Farm.
- Configured Selenium tests with Jenkins and AWS CodePipeline for CI/CD.
- Analyzed defects using ADB commands (Android) and iOS crash logs symbolication.
- Executed performance test scripts for mobile apps with JMeter; identified bottlenecks and tuned performance.
- Managed a team of 8, trained new hires, and documented products and automation processes.
- Contributed to Project Test Plans for Performance and Automation.
- **Technologies:** Selenium, TestNG, REST API, Rest Assured, Java, Git, Jenkins, Azure, AWS (EC2, Device Farm), Wireshark, Charles, XenServer, MDX Toolkit, JMeter.

Endeavour Software Technologies   **Nov 2014 - Dec 2015**
Senior Software Test Engineer

Responsibilities:

- Automated mobile applications on Android and iOS using Appium.
- Automated chat applications with Jabber using XMPP protocols.
- Managed performance and load testing from planning to delivery and optimization.
- Executed performance testing using VSTS, JMeter, BlazeMeter, and New Relic.
- Monitored and analyzed application performance with client-side and server-side metrics.
- Optimized application performance by identifying and resolving bottlenecks.
- Supported 2-3 additional projects alongside primary responsibilities.
- Led a QA team of 7, providing guidance and ensuring high-quality deliverables.
- **Technologies**: Appium, Jabber XMPP, VSTS, JMeter, BlazeMeter, New Relic, Perfmon, Java, SVN, TSUNG.

i-admin Outsourcing Pvt. Ltd.   **Sep 2012-Nov 2014**
Software Test Engineer

Responsibilities:

- Conducted manual and automation testing for payroll domain web applications.
- Automated web applications using Selenium WebDriver with JUnit/TestNG frameworks.

- Performed load testing with Apache JMeter.
- Utilized Bugzilla for defect tracking and management.
- Established and streamlined the QA process for payroll applications.
- Created and led a team of 4 members, focusing on automating various testing processes.

Technologies: Selenium WebDriver, Bugzilla, JMeter, TestNG.

Projects

Ziing.ai   **Jan 2024- Ongoing**

Ziing.ai is the development of end-to-end logistics solutions for e-commerce, crowdfunding, and direct-to-market businesses. Focused on optimizing pick-and-pack fulfillment processes and integrating automated order processing. Utilized a centralized distribution network to reduce fulfillment lead times and enhance access to emerging markets. Managed inventory, customized packaging, and facilitated seamless integrations with platforms like Amazon and Shopify.

Platform availability: Web and Mobile apps for iOS & Android

Key Features:

Pick-and-pack fulfillment, Automated order processing,Customized packaging solutions,Freight forwarding and shipping,Customs brokerage, E-commerce platform integrations (Amazon, Shopify, etc.), Inventory management and tracking Warehousing and storage solutions

Betr products by Think Rite   **Aug 2019- Dec 2023**

Think Rite Betrmeet and cloud services is an advanced software and cloud services platform specifically designed to revolutionize the efficiency and effectiveness of meetings for businesses and organizations. With a focus on enhancing collaboration, streamlining communication, and maximizing productivity, Betr meet empowers teams to make the most of their conference calls, webinars, and other meeting formats.

Platform availability of betr products: Betr meet & Betr white board for iOS, Android, Electron for Windows, Chrome extension

Key Features:

Real-Time Collaboration, Agenda Management, Interactive Notetaking, Document Sharing, Cloud Services Integration, Cross-Platform Compatibility, Enhanced Communication, and Action Item Tracking on Web application, Mobile (Android & iOS) apps, Electron application for Windows, and Chrome extension for Chrome web browser etc, third party app integration modules Jira, Azure, Sales force , Gitlab with betr product

XenMobile Client by Citrix   **Jan 2016-July 2019**

The XenMobile components in the XenMobile architecture help to choose to deploy based on the device or app management requirements of your organization. The components of XenMobile are modular and build on each other. For example, you want to give users in your organization remote access to mobile apps and you need to track the device types with which users connect. In this scenario, you would deploy XenMobile with NetScaler Gateway

Key Features:
Secure Hub is the Launchpad for the Citrix XenMobile experience. Users enroll their devices in devices in Secure Hub to gain access to the Store, from which they can add Citrix-developed Secure apps - SecureMail, Secure Notes, Secure Web, Secure Tasks, Secure Forms, Secure Chat, Quick Edit, and ShareFile and third-party apps, all of which you secure with the MDX Toolkit

Education

East West Institute of Technology	**2008 - 2012**
B.E in Information Science & Technology	

Personal Details

Full Name:	Prabhakar. Y
Father's Name:	G.YeswanthRaj
DOB:	03-07- 1990
Marital Status:	Single
Visa:	US B1 Visa
Residential address:	Sattva East Crest , Old Madras Rd, near Budigere cross, Bangalore -560049