DEEPA LAKSHMI

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SUMMARY

Experienced QA Automation Engineer with over 7 years of expertise dedicated to enhancing software product quality through the development and implementation of precise test plans, scripts, and automation tools. Adept problem solver with a strong collaborative mindset for effective team contributions.

EXPERIENCE

Hippo video – Chennai, India   *Sep 2017 – Present*
Senior QA Automation Engineer

- Spearhead project success through quality assurance, encompassing **test plan creation, scenario development,** and **test script writing**.
- Lead **test automation** initiatives, providing guidance to the QA team, overseeing releases, and mentoring team members.
- Proficient in **functional, integration, regression, smoke, sanity,** and **UAT testing**.
- Achieved product quality enhancements and significant reduction in manual testing through the implementation of automation test cases using **Selenium WebDriver, Mocha Js, TestNG, TestSigma,** and **Karate.**
- Achieved a remarkable **75% reduction** in manual testing efforts through the implementation of automation test cases using Selenium WebDriver, Mocha Js, TestNG, TestSigma, and Karate.
- **Automated 90%** of **critical test cases**, significantly reducing test execution time and enhancing test coverage.
- Designed and reviewed comprehensive test scenarios, ensuring **100% coverage** across modules and reduced the **error ratio** by **20%**, improving overall product quality.
- Leveraged **Mochawesome reporter** and **Testsigma** for daily automation reports, seamlessly integrated with Google Chat.
- Utilized **Puppeteer** to streamline test script development, boosting testing efficiency.
- Conducted meticulous test result monitoring, defect tracking, root cause analysis, and process improvements.
- Active contributor to daily stand-up meetings, facilitating team awareness, progress tracking, and enhanced productivity.
- Proficient in **API testing** (Postman, Mesh Dynamics) and **Load testing** (JMeter, Gatling), including the development of test cases, scripts, and virtual users in Gatling for **Load, Stress, and Performance Testing**.

Zarget – Chennai, India   *Aug 2016 – Aug 2017*
QA Automation Engineer

- Single-handedly pioneered UI Automation for multiple CRO tools, using **Selenium WebDriver, Java, TestNG, Maven,** and **Jenkins**.
- Automated test scripts, reporting results in **Google Spreadsheets** and designed custom report generation for test case status.
- Implemented the **TestNG unit testing framework**, effectively utilizing annotations for functional testing.
- Integrated scripts with **Jenkins** for continuous integration.
- Conducted meticulous **Functional, Smoke, Usability, Integration,** and **Regression Testing.**

BIX Private Limited – Chennai, India   *Oct 2015 – July 2016*
Associate Software Quality Assurance Engineer
- Conducted comprehensive **manual testing** on web-based applications, executing test cases, and proficiently documenting defects.
- Executed automated test scripts using **Selenium WebDriver**, significantly reducing test execution time and enhancing test coverage.
- Collaborated with cross-functional teams, introducing Selenium to improve product testing.
- Expertly managed software defects via **JIRA**, facilitating prompt resolutions.

Technical Intern
- Gained valuable insights into the **Software Development Life Cycle (SDLC)** and actively participated in **Agile** development processes.
- Demonstrated a proactive approach to learning and mastering automation testing tools like **Selenium**.
- Assisted in **manual testing** efforts, executing test cases, meticulously documenting results, and effectively identifying and reporting software defects.

SKILLS

Programming: Core Java, Javascript; **Automation Tools Front End:** Test Sigma, Selenium WebDriver, Selenium IDE, QTP, TestNG, Mocha JS, Puppeteer;
Automation Tools Back End: Karate; **Performance Testing Tools:** Jmeter**,** Gatling
Project Management Tools: Jira, Zoho Projects, Fresh Release, Trello;
Tools: Postman,Maven, VS Code, Eclipse, Git, TestRail;**Database:** Postgres; **CI/CD**: Jenkin

EDUCATION

SRM - Easwari Engineering College, Anna University – Chennai, India   *July 2011 – May 2015*
Bachelor of Engineering,Information Technology; Cumulative GPA: 8.0/10