KUMAR ABHISHEK

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SUMMARY: SDET/QA Engineer with 7+YOE, adept at implementing test frameworks for Web/Mobile applications. Proficient in Javascript/Java. Skilled in CI/CD setup, Regression, Load, API & Automation/Manual Testing.

EDUCATION

Master of Science(MS), Computer Science - Rochester Institute Of Technology(RIT)**,** NY   Aug 2014 - Dec 2016

Bachelor of Engineering(BE), Computer Science - VTU**,** INDIA   July 2007 - July 2011

SKILLS & OTHER

Test Frameworks: •Cypress.io •Selenium Webdriver •Appium •JUnit •Browserstack •Cucumber •SoupUI

Languages: •Javascript •Java •Python •Typescript •React •Html/Css •SQL •Shell-scripting

Tools: •Git/Github •Bitbucket •Postman •JMeter •AWS/Google Cloud •Jira •Docker •Maven

Skills: •Test Automation •Test planning •Reporting •Collaboration •Communication

PROFESSIONAL EXPERIENCE

SDET [Software Development Engineer in Test]   Oct 2020 – Apr 2024

PickTrace, Bay Area, CA [Startup - Series B]

- As the **only SDET**, I designed and **implemented test frameworks** from scratch for **end-to-end tests** for:
  - Web application using **Cypress.io** and **Javascript/Typescript**, reducing manual testing by 80%.
  - Android app using **Espresso** Instrumentation tests in **Java** and **Firebase Testlab** resulting in a 20% reduction in app crashes.
- Implemented **Continuous Integration** using **Google Cloud Services** for web/android test frameworks, leading to a transition from weekly to a daily release cycle enabling rapid iteration and deployment of new features.
- Performed **Load**/**Performance** testing for web & android apps using automation scripts, resulting in a 50% improvement in app performance.
- Worked with 4 cross-functional teams to **understand requirements** for projects & **designed test strategies/plans** to automate testing resulting in a **70% reduction** in manual testing.
- **Worked with developers** to resolve **50+ defects** resulting in 25% **defect reduction** during releases.

Software Test Engineer - Cox Automotive   Jan 2019 – Sep 2020

- Automated manual tests using **Selenium Webdriver** & **APPIUM** in **Java** & integrated with **Jenkins.** Ran them concurrently on **multiple browsers**/mobile devices using **BrowserStack** eliminating manual regression efforts
- Created monitoring alerts for **RESTful API** services by using **POSTMAN** resulting in real-time status updates, ensuring 99.9% service availability and enhancing overall system reliability.
- Performed **Stress/Load Testing** using **Locust** on **AWS EC2** instances in **Python** for scalability enhancements.
- **Manually tested** features & collaborated with teams resulting in weekly smooth releases.

DevOps QA Engineer - MyWebGrocer   Jan 2017 – Dec 2018

- Performed **Regression**, **Smoke, Integration** & **Feature** testing using automated and manual testing methods.
- Reduced testing time by **80%** by automating test cases using **Selenium Webdriver** and **Java**.
- Ensured **95% test coverage** by creating **Test Suites**/Plans, performed manual testing & tracked, identified, and logged bugs in **JIRA** resulting in rigorously tested and bug-free feature deployments.

CERTIFICATIONS: Meta Front End Developer   Sept 2023