vinod baradwaj

📍 india   📞 +91-9884008955

Engineering Manager - Test @DMG
11 years of experience
vinod.baradwaj@live.com
Portfolio: www.vinodvb.in
Blog: testingkafe.tumblr.com

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Dynamic and multi-skilled SDET Engineer seeking to exploit my deftness

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A keen, enthusiastic, and competent Software Development Engineer in Test with about 11+ years of experience in the field of Software Testing. Proven ability in Selenium WebDriver Automation Testing, API Testing, Protractor, Cypress, WebdriverIO, Appoim, Mobile Testing, Hybrid Frameworks, TDD, BDD, CI/CD, Jenkins, AWS, Docker, PactJs, Web testing, and Functional testing. Experienced in each phase of Test Life Cycle (STLC) and good knowledge in all phases of SDLC, Test plans, UAT.

Skills:

(Selenium WebDriver) (Protractor) (API Testing) (Performance Testing) (Java) (Javascript) (Python) (CI/CD)
(AWS) (Docker) (Appium) (Contract Testing) (Jenkins) (BDD) (Pytest) (Gherkin)

Experience

DMG dmgpro.com   Jun 2021 to Present
Engineering Manager - Test   Chennai, India

- Managing Test Engg. which included End-to-end responsibility for project deliverables with utmost quality for
  DMGs fulfillment, Intake, and Invoicing Business Line
- Leading a team of SDETs and QAs
- Streamlined QA and Automation process
- Responsible for deliverables from all aspects of QA which includes UI, API, Mobile, Load & Performance
- Created a unified Backend automation framework using Nodejs for GRPC and REST APIs
- Architected Frontend automation framework using WebdriverIO, Cucumber, K8s, and Selenium Grid
- AWS Test Infrastructure Setup and Maintenance
- UI and Mobile Test Framework Development using WebdriverIO, Cucumber, and BrowserStack
- Built a Performance testing framework for APIs using K6 and Docker

NewPage Solutions newpage.io   May 2020 to Jun 2021
Senior Software Engineer   India

* Leading test automation initiatives for NewPage , which includes hiring, mentoring and
  leading high performing SDET's and QA's spread across the globe
* Leading initiatives to build developer tools and test frameworks aimed at reducing regression risks
  hence helping teams to make it easier and faster to ship features.
* Introduced SDET culture in NewPage. Was the first SDET hire for the team within a
   year hired and built a high-performing SDET team of 6 engineers.
* Designed Testing framework using Pytest, Pytest-bdd, Pytest-selenium, Pytest-appium
* Setting up CI using GitHub actions
* Performance testing using Jmeter/BlazeMeter
* Regression and Sanity Test Automation from scratch

Pro.com   Sep 2019 to May 2020
SDET II   India

* Designed and Architected a Scalable API Testing framework using Karate which was tied to the CI pipeline and acted as a safety net for all the new changes made to the system
* Designed and Architected Web Testing framework using Cypress
* Created a Mobile Application Test Suite using Appium and WebdriverIO
* Setting up AWS infrastructure using Terraform
* Performance testing using Jmeter
* Regression and Sanity Test Automation

Ooyala
Dec 2017 to May 2019

SDET India

* Designed a scalable e2e framework using angular, protractor, cucumber, docker, Jenkins. This is used by all the front end teams in Flex Media Platform Around 500 test scripts have been authored using this framework which is run multiple times a day in a CI pipeline giving quick feedback to the developers.
* Designed a nightly run API Test suite using Python and Pytest, with which around 700 odd test cases were executed daily
* Leading initiatives to build developer tools and test frameworks aimed at reducing regression risks hence helping teams to make it easier and faster to ship features.
* Working with architects and service owners to enable test automation in squads
* Designed and architected the contract test framework for the Flex media platform redesign using PactJS
* Designed and architected a CI performance testing framework using k6 and Jenkins helping teams to run performance tests at scale
* Streamlining CI/CD Jenkins Pipeline by developing multibranch pipeline scripts
* Dockerize entire Test Automation Environment and implementing Zalenium
* Developed Jenkins Pipeline for Automation Test infrastructure which will create a disposable environment, execute the tests, push the results to S3 and dispose of the created environment

Xome
Nov 2015 to Dec 2017

SDET India

* Designed and architected an e2e test framework(SWAFTEE) using Selenium and Java
* Designed and architected API Testing framework using Python and Pytest using Request Module
* Performance Testing using JMeter Regression, End to End and BVT suite automation
* Built a Mobile Test framework using Appium and created different regression and Sanity suites
* Setting-up/Maintaining Jenkins for Test Execution
* Framework development and maintenance
* Building internal test community, organizing test guilds providing a platform for engineers to share testing knowledge
* Mentoring and Coaching fellow Software Engineer in Test colleagues.

Bny Mellon
Jun 2012 to Apr 2015

Quality Analyst India

* Responsible for REST API testing
* Responsible for end-to-end testing of the entire payment hub.
* Developed a framework to automate the end to end flow of the entire payment system which involves various technology-based applications like, Web, Message Queues, Web Services, etc.
* Developing Task Management and Resource Allocation using Jira
* Gained expertise in Adobe Flash/Flex application testing

Education

KG College of Arts and Science
Jun 2007 to Apr 2012

Masters of Science, Software Systems

Awards

Winner of Savethehacker - 2017 by FreshDesk FreshDesk May 2017

Developed an App called 'BrutBuster' witch which we can calcify WhatsApp forwards as Facts or Fake.