

MANALI PATEL

Senior SQA Engineer

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SKILLS

Programming Languages: Ruby, Ruby on Rails, JavaScript
Testing Strategies: Manual Testing, Black and White Box Testing, Regression Testing
CI/Build Tools: Jenkins and Docker, AWS
Load Testing: JMeter, Flood.io, Blaze Meter
Web Automation Framework: Capybara, Webdriver.io, Cypress.io
IOS Automation Framework: UI Automation, Appium
Other Tools: Git/GitHub, Jira, Postman, Trello, Sequel Pro, Zephyr
Database: PostgreSQL, MySQL

EXPERIENCE

Autodesk
Senior SQA Engineer

Boston, MA
Jan 2016 – Present

- Worked on Setting up Jenkins + Docker environment to run feature specs and Unit tests
 - Configured Jenkins jobs such as Multibranch pipeline, MultiJob project, Freestyle project, etc.
 - Configured GitHub Webhook and GitHub pull request builders plugin to build Jenkins job for each pull request and each commit
 - Created dockerfile and did setup on jenkins to run feature specs inside docker container
 - Configured Jenkins to run con-current builds
 - Configured build reports using rspecJUnitFormatter to help catch sporadic spec failures
 - Setup ubuntu machine on AWS and added to Jenkins as slave
 - Wrote Jenkinsfile for iOS and web to run unit tests + feature specs on Jenkins
- Worked on automating iOS app for iPad and iPhone using UI automation framework provided by Apple.
- Configured and setup JMeter to perform load testing
- Wrote frontend UI tests (feature specs) for web using Capybara
- Improved ruby script to create sample data, added rake task and implemented API endpoints
- Wrote smoke tests using webdriver.io to automate main functionality testing for web
- Documented test cases covered by iOS automation, web feature specs, various functionalities, load testing results, smoke/regression checklists, etc.
- Collaborated with developers to test various functionalities and to test migrations
- Verified defects, tested functionalities, performed regression testing and white/black box testing for iOS and web

Autodesk
SQA Engineer

Boston, MA
Sept 2013 – Jan 2016

- Create Created ruby gem to support backend API test.
- Add integration specs using ruby & rspec to run test against any environments.
- Create Rake tasks and Cron job to run scripts to improve testing strategies.
- Use Capybara and Webdriver.io to automate frontend UI test.
- Perform Smoke, Regression testing and white/black box testing.
- Identify, Debug and report bugs in Jira and coordinate team efforts.

- Analyze, understand and gather requirements for new functionalities to plan and execute test cases in zephyr according to the release schedule.

Autodesk (formally Vela System)
Software Support Engineer

Waltham, MA
Sept 2010 – May 2013

- Identify bugs by reproducing it in the system
- Validate transactional and analytic report using SQL
- Work with engineering to validate SQL persistence code prior to ship.
- Work using Sequel Pro.
- Manage multiple tasks in detailed-oriented fast paced environment
- Provide technical solutions to end-user of all technical skill levels
- Resolve customer technical issues quickly and accurately as well as provide escalation assistance
- Maintain and created knowledge base articles for access by clients and employees

EDUCATION

University of Massachusetts Lowell, GPA 3.2
Bachelor of Science in Computer Science

Lowell, MA
June 2013