

GEETHANJALI DHANDAPANI

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SUMMARY:

- 2+ years of experience in software web development
- Successfully tested and released applications confronting to HIPAA and ISO27001 regulatory requirements
- Implemented REST APIs using spring boot, Hibernate and MYSQL backend
- Automated REST APIs frameworks testing using TestNG and RestAssured
- Have very good experience in UX automation using java selenium webdriver
- Successfully released web, ios & android mobile applications from pre-production to production
- Experience in writing SQL queries against MYSQL database for data validation and verification
- Worked with distributed systems & identified issues on highly scalable architectures
- Have a very good understanding on writing security test cases & released applications which adheres to open security standards
- Performed stress testing on mission critical APIs and ensured system performs well under the given load
- Worked with product owners to write use cases in cucumber and converted them to actionable automation scripts
- Have a very good understanding of Project Development life cycle
- Test from end user perspective & provided valuable product suggestions
- Written use-cases & test-cases for the project requirements
- Ability to adapt to the environment & deliver high quality software applications
- Have very good understanding of AGILE scrum methodologies

Skill Highlights

- Java, Maven, Spring boot, Spring Data
- Manual testing, Automation testing
- Eclipse, TestNG, JUNIT, POSTMAN, JMETER, RestAssured, Cucumber
- Liquibase, Mysql, Hadoop
- GIT, Jenkins
- Docker containers
- HTML, CSS, JS, BootStrap
- NPM, HTTP Servers, REST APIs, AWS Ec2-instances
- Defect tracking & reporting using JIRA

Professional Experience

Illumina Inc (www.illumina.com)

- Qualified a product to take in a patient's tumor mutations and return list of FDA-approved medications corresponding to their mutations
- Written automated tests for gene survival analysis module using selenium
- Implemented Page Object Model Design pattern for web page automation
- Tested data ingestion pipeline and performed data validation and verification of phenotypical and molecular data (Genomic data)
- Performed data validation on MYSQL database shards
- Executed test cases, reported bugs in JIRA & performed browser compatibility tests on chrome, firefox and IE browsers
- Written automation tests to run against the oauth servers in multi-tenant environment

- Configured Jenkins jobs to run against pre-prod and prod environments for seamless application releases
 - Created emailable test reports using TESTNG framework
- Performed regression tests on various reporting modules like marker frequency, molecular data comparison (Somatic, RNA)

Syde (www.syde.com)

- Written end to end automation test suites, test plans and performance testing plans
- Tested mobile application modules - email delivery (Amazon SES), push notifications (ios and android), chat modules (socket io), google maps, mobile data caching, job status, stripe payment integrations and image uploads
- Written automated tests for REST APIs using TestNG and RestAssured for different environments (Pre-Prod & Production)
- Post Job, User Registration, Authentication, History Modules
- Implemented test scenarios using java cucumber
- Generated Reports using TestNG & integrated with Jenkins for continuous delivery of software packages
- Performed manual testing on messaging & payment modules of the application
- Monitored the logs in AWS Servers & conducted stress testing on the REST APIs and provided valuable feedback to the development teams to tune the system

Datacreed

- Successfully released the data import & search module, which loads the CSV file & makes it searchable for customers through a web interface
- Written test cases for REST APIs using postman and automated them using RestAssured
- Performed manual testing on search & filtering modules and provided feedbacks for fine tuning the search experience
- Load tested the search engine service & generated test reports for fine tuning the application
- Automated UI functionalities using selenium

Kudukis Group

- Played a key role in launching & maintaining the candidate tracker application, which helps to search & label the candidates for the current recruitment needs
- Worked closely with developers & product owner to understand the requirements & architecture
- Performed regression tests during each & every application releases
- Raised feature requests & tracked them to ensure its implemented in the application
- Tested the login, authorization & email tracker modules within the application
- Involved in complete end-end testing & release of the application
- Involved in the requirements phase & written test cases prior to the implementation
- Developed UI selenium scripts for automating the UI features

Education

M.Sc Bioinformatics	2008
B.sc Biochemistry	2006

GIT URL

<https://github.com/anjaliprabhu>