

Rajesh Kalloor

Senior Software Developer in Test

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EXPERIENCE

Qubole, Bangalore - Senior Software Developer in Test

Aug 2016 – Present

Qubole Middleware:

Working as a Senior SDET and owning the Quality, Automation and Deployment across multiple teams.

1. Designing and Developing Automation test frameworks and infrastructure for Qubole's Middleware and backend systems deployed on Cloud.
2. Promoting test driven development (TDD) by adding unit tests, providing coverage reports and analyzing metrics in production.
3. Creating Test Strategy, Test plans and Test cases and executing them.

TechStack: Ruby, Ruby on Rails, Python, Hadoop, Hive, Bitbucket, Rspec, AWS, Airbrake, Newrelic and MySQL.

Flipkart, Bangalore - Senior Software Developer in Test (<http://flipkart.com>)

Aug 2014 - July 2016

Seller Platform:

Led the QA efforts across two teams within Seller Platform.

Fulfilled by Flipkart:

1. Designing Automation infrastructure using Java, TestNg, Jersey Framework and Selenium.
2. Built a Mock-framework solution using Dropwizard stack and Redis for storing the mocks.
3. Setting up of CI/CD pipeline across the dev teams.
4. Responsible for writing Performance Automation scripts and benchmarking the services using tools like Loader[In-house], WRK, JMeter.
5. Excellent understanding of SDLC and worked on various life cycles like Agile (Scrum), Waterfall, Iterative.

TechStack: Java8, Dropwizard, Maven, MySQL, Redis, Selenium, WRK, Jenkins, Jacoco.

Argus [Authorization Framework for Seller Platform]:

1. Development of scripts in Python/Go for loading test-data for Performance runs.
2. E2E backend API Automation of RESTful Services using Java.
3. Setting up Development and Test environments using Ansible and Docker.
4. Experience in White-Box testing, Debugging the failures by analyzing the stack-trace in the code base and code-reviewing the changes.
5. Mentoring and training Junior QA Engineers and developers for testing their code quality.
6. Defect Reporting using JIRA, driving timely Bug-bash across teams.

TechStack: Java8, Python, GO, Gradle, Web Services, Docker, Ansible, JIRA

Tools and Productivity Team

As a backend Developer, I was responsible for building in-house tools for Flipkart

1. Setting up Distributed Tracing [system that manages collection and lookup of timing data to troubleshoot latency problems in microservice architectures] using Zipkin, Kafka and Cassandra. Setting up the infrastructure and getting it implemented for all Java services.
2. Designed and built the GitHub Admin Console for Flipkart [system that interacts with GitHub public API's and local databases to manage the GitHub users within Flipkart] using Dropwizard, MySQL, Apache Camel workflow.
3. POC for Integration testing within dev code-base by injecting all the dependencies and performing E2E Integration tests.

TechStack: Zipkin, Kafka, Cassandra, MySQL, Dropwizard, Apache Camel

IBM – India Software Labs, Bangalore - Senior Software Engineer

Aug 2008 – Aug 2014

IBM DB2 Product:

1. Experienced in development of automation scripts and programs for the automation framework. Was involved in both UNIX (Perl, Shell, PHP and JAVA) automation as well as Windows (Rational Robot, RFT) automation
2. IBM Certified Database Administrator - DB2 10.1 for Linux, UNIX, and Windows
3. Was responsible for setting up the SCCM (System Center Configuration Manager) setup in IBM Software Labs. The setup was required to certify that DB2 can be distributed and advertised onto different SCCM clients from an SCCM server.
4. Was the single point of contact for complex DPF (data-partitioning feature) which involved a setup with different servers in a cluster and a single file system to be mounted on multiple servers. Have been involved in setting up DPF for clients like NSDL
5. Experienced in developing Test Plans, Test-Case Designs, and Test Scripting built on high-level and detailed design. Also, involved in the execution and co-ordination of the same.
6. Experienced in project management as well. I was assigned the additional responsibility of supervising the fix-pack Coordination, which required me to be involved in the project right from the planning stage, all the way till the sign-off.
7. Good experience of coordinating with geographically dispersed teams, delegating the work

and handling teams.

TechStack: IBM DB2, Perl, Shell, SCCM, Linux, AIX, Solaris, HPUX

EDUCATION

BNM Institute of Technology, Bangalore - Bachelor in Engineering, CS

August 2004 – August 2008

Board: Vishveshwariah Technological University

SKILLS

Platforms: Linux [RHEL, SUSE, Ubuntu, CentOS], Windows, Mac - OSX, AIX, Solaris

Languages: Java, Ruby, Python, Perl, Shell, Go.

Frameworks: TestNg, Rspec, Dropwizard, Rails

Database: MySQL, Redis, Cassandra, Hadoop

ORM: JPA, Hibernate

Tools: Jersey Framework, Selenium, WRK, JMeter, Apache Camel, Gradle, Maven, Jenkins, Git, Bitbucket

CI: Jenkins

Others: Agile Methodologies, Test driven development, Active involvement and strong partnership with product to add to the vision of product, Microservices based architecture