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EDUCATION

- 2012 - 2016
- KLR COLLEGE OF ENGG & TECH
- Electronics and Communication Engineering

SKILLS

- Manual Testing
- Automation (Selenium)
- RestAssured
- JMeter
- Postman
- Performance, NFR, Longevity
- TestNG, JUnit
- Maven, Gradle
- Java
- Cypress, Mocha
- Jenkins, Github Actions
- Git
- Jira, Rally
- AWS, Docker and Kubernetes
- Grafana, Prometheus, ArgoCD

LANGUAGES

- English (Fluent)
- Telugu (Fluent)
- Hindi (Intermediate)

HARISH KUMAR

SSDET - III

WORK EXPERIENCE

- Baker Hughes (Zemoso Technologies Pvt Ltd)** 2019 - PRESENT
SSDET - III
- Infasta Soft Solutions Pvt Ltd** 2017 - 2019
Test Engineer

PROFESSIONAL SUMMARY:

- Over 7 years of experience in Software Testing, specializing in web-based and client-server applications.
- Expertise in Manual, Automation (UI & API), and Performance Testing.
- 4 years of experience leading QA teams, guiding the analysis, design, implementation, and execution of test cases, procedures, and suites.
- Proficient in SDLC, STLC, and Bug Life Cycle.
- Skilled in System, Functional, Regression, Sanity, Smoke, GUI, UAT, Performance, NFR, and Longevity Testing.
- Adept at identifying test scenarios and writing test cases using various design techniques.
- Experienced with Agile (Scrum) and Waterfall methodologies.
- Expertise in test estimations, strategy development, and comprehensive test planning.
- Extensive use of automated test tools like Selenium for Functional and Regression Testing and JMeter for performance and load testing.
- Expertise in developing and maintaining automation frameworks using Selenium WebDriver.
- Proficient in testing frameworks such as TestNG, JUnit, Hybrid Framework, Keyword Framework, and Page Object Model (POM).
- Skilled in generating reports using TestNG, Cucumber, Cucumber-JVM and Extent Reports.
- Experienced with build management tools like Maven.
- Proficient in testing REST APIs using Postman and automating API tests with the Rest Assured Framework.
- Strong knowledge of web services testing and performance monitoring using JMeter and Grafana.
- Experienced in maintaining products like JIRA, Confluence and Rally .
- Excellent troubleshooting skills with a proven ability to identify and resolve application issues.
- Knowledgeable in cloud technologies like AWS and DevOps. and multiple tools like Jenkins, Docker, DockerHub, Git, Github, ArgoCD, Helm Charts.
- Quick learner with the ability to grasp new technologies rapidly.

Project #1: Performance Dashboard
Performance Monitoring and Analytics

- Role: QA Lead
- Team: 6

1. Tools Used: Selenium, Rest Assured, JUnit, Gradle, Cucumber, cucumber-Jvm, JMeter, Github Actions, Prometheus and Grafana, GitOps
2. Issue Tracker/TC Management tool : Rally

Description:

The Performance Dashboard is a web-based application designed to monitor and analyze the performance metrics of various systems and applications. It provides real-time insights into key performance indicators (KPIs), such as production volume, energy consumption, volume loss, and R&P (Reliability and Performance) volume losses. The dashboard consolidates data from multiple sources and presents it in an intuitive and interactive interface, enabling stakeholders to make informed decisions based on comprehensive performance analytics. Features include customizable views, alerting mechanisms, and detailed reporting capabilities.

Project #2: Greenhouse Emission Management (GHEM)
Environmental Monitoring and Management

- Role: QA Lead
- Team: 5

1. Tools Used: Selenium, Rest Assured, JUnit, Gradle, Cucumber, cucumber-Jvm, JMeter, Github Actions, Prometheus and Grafana, GitOps
2. Issue Tracker/TC Management tool : Rally

Description:

The Greenhouse Emission Management (GHEM) system is designed to help energy industry players monitor their emissions efficiently and effectively. The system enables the measurement, monitoring, and reporting of greenhouse gas emissions across various sources in the energy industry.

Project #3: Avitas
Industrial Inspection and Maintenance

- Role: QA Lead
- Team: 5

1. Tools Used: Selenium, Rest Assured, JUnit, Gradle, Cucumber, cucumber-Jvm, JMeter, Jenkins, Prometheus and Grafana, GitOps
2. Issue Tracker/TC Management tool : Rally

Description:

Avitas strives to revolutionize the oil & gas, and power industries by offering innovative solutions. Leveraging predictive data analytics, robotics, and artificial intelligence, Avitas provides advanced capabilities to enhance operations. With a focus on both underwater (Terrain) and terrestrial (Sky) examinations, Avitas employs drones to capture images and detect leaks, immediately alerting responsible personnel to enable prompt inspections and necessary actions.

Project #4: Digital Inspection Tool (DIT)
Industrial Inspection and Maintenance

- Role: QA Lead
- Team: 5

1. Tools Used: Selenium, Rest Assured, TestNG, Maven, Cucumber, cucumber-Jvm, JMeter, Jenkins, Prometheus and Grafana, GitOps
2. Issue Tracker And TestCases: JIRA

Description:

The Digital Inspection Tool (DIT) is a web-based application that streamlines the disassembly and inspection process of drilling equipment for overhaul and repair. It offers digital forms equivalent to templates in the ePIMS system for standardized inspections. Project managers create work orders and assign them to inspectors who can conveniently access and track their assigned tasks. The tool also supports offline mode for inspections in remote locations, enhancing efficiency, collaboration, and data accuracy.

Project #5: Talent Now
Recruitment and Onboarding

- Role: SDET-II
- Team: 5

1. Tools Used: Selenium, Rest Assured, TestNG, Maven, Cucumber, Extent Reports
2. Issue Tracker And TestCases: JIRA

Description:

Talent Now is a web-based application that manages contracts for hiring candidates based on submissions up to the onboarding process, managed by managers (MSP) and vendors.

Project #6: E-Lube
Industrial Maintenance and
Lubrication Management

- Role: SDET-II
- Team: 5

Project #7: Dealance
Freelance Marketplace

- Role: SDET-II
- Team: 5

1. Tools Used: Selenium, Rest Assured, TestNG, Maven, Cucumber, Extent Reports
2. Issue Tracker And TestCases: JIRA

Description:

The E-Lube application software handles the complexities of machine lubrication. It enables maintenance operations to simplify, automate, and streamline the management of lubrication processes.

1. Tools Used: Selenium, Rest Assured, TestNG, Maven, Cucumber, Extent Reports
2. Issue Tracker And TestCases: JIRA

Description:

Dealance is a web platform that serves as a marketplace connecting employers and employees. It offers three user roles:

- Users: Explore job categories without registration.
- Clients: Hire freelancers to fulfill their requirements.
- Freelancers: Offer their skills and expertise to clients.

Dealance provides streamlined talent matching, a wide range of job categories, and a user-friendly interface while prioritizing security and trust. It is the ultimate destination for seamless talent connections, unlocking numerous opportunities for success.

ROLES AND RESPONSIBILITIES:

- Defined and planned the overall test strategy and scope.
- Collaborated with stakeholders to set objectives, timelines, and priorities.
- Identified and mitigated testing risks and dependencies.
- Led the creation and maintenance of comprehensive test cases and scenarios.
- Ensured thorough test coverage and adherence to best practices.
- Reviewed and provided feedback on test cases developed by the QA team.
- Conducted various types of testing including Regression, Sanity, User Acceptance Testing (UAT), Performance, Non-Functional Requirements (NFR), and Longevity.
- Designed, developed, and maintained automated test scripts using Selenium, JMeter, and other tools.
- Integrated automated tests into the CI/CD pipeline, configuring and monitoring build systems, version control, and test execution environments.
- Utilized Grafana and other tools to monitor and analyze system performance metrics, created dashboards for data visualization, and identified multiple bottlenecks. Coordinated with the TMS to get these issues approved and resolved.
- Maintained a detailed record of builds and determined the components to be deployed in each release.
- Provide mentorship and guidance to junior QA engineers, fostering a culture of quality and continuous improvement.
- Coordinate with project managers, developers, and other stakeholders to ensure smooth delivery of high-quality software.