GANESH R

Technology – driven professional with expertise in Software Testing and Automation Testing; targeting opportunities

CONTACT DETAILS

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EDUCATION

○ **2009 – 2013**
B.E. in Electrical and Electronics Engineering
EGS Pillay Engineering College

CORE COMPETENCIES

- Software Development Life Cycle (SDLC)
- Software Testing Life Cycle (STLC)
- Quality Assurance
- Test Automation
- Performance Testing
- Agile Methodologies
- Defect Management
- Continuous Integration/Continuous Deployment (CI/CD)
- Data-Driven Testing

SOFT SKILLS

- Adaptability
- Effective Communicator
- Analytical
- Critical Thinker

TECHNICAL SKILLS

- Java
- Seleinum Web Driver
- Junit
- POM, Data Driven
- Maven
- Eclipse
- Cucumber BDD
- Test NG
- Apache POI
- JIRA
- Postman
- Rest Assured
- Jenkins
- GIT
- Java Script
- Puppeter
- Visual Studio
- Node JS
- Bit bucket
- Mobile Ttesting
- Appium
- SQL
- API

PROFILE SUMMARY

- Test Engineer with nearly 6 years of expertise in software testing, focusing on both manual and automated methodologies across technology and telecommunications and E- commerce, Building Automation Systems sectors.
- Worked as a Test Engineer, guaranteedthe reliability and quality of software applications by implementing thorough testing protocols and working closely with diverse teams.
- Developed a comprehensive skill set encompassing test planning, execution, defect tracking, and reporting, with a strong emphasis on maintaining high standards of software quality and performance.
- Clasps expertise in a range of testing tools and frameworks such as Selenium WebDriver, TestNG, and JIRA, facilitating efficient design and execution of test cases.
- Played a key role in the effective deployment of an innovative Building Automation System (BAS), leading to improved operational efficiency and a better user experience across various commercial properties.
- Exhibit proficiency in Agile methodologies by engaging in Scrum ceremonies, ensuring that project objectives are met and high-quality software products are delivered on schedule.

WORK EXPERIENCE

Iotium Systems Pvt. Ltd., Chennai | Test Engineer | Nov'2022-May'2024
Domain: View
Key Result Areas:

- Establishedand executed comprehensive test plans that ensured thorough coverage of both functional and non-functional requirements, leading to a more robust software product.
- Collaborated with development teams to design and implement automated testing frameworks, utilizing tools such as Selenium WebDriver and TestNG to enhance testing efficiency.
- Conducted detailed analysis of test results, identifying defects and inconsistencies, and effectively communicating findings to stakeholders for prompt resolution.
- Managed the end-to-end testing process, including test case design, execution, defect tracking, and reporting, ensuring adherence to quality standards throughout the software development lifecycle.
- Engaged in continuous improvement initiatives, refining testing processes and methodologies to optimize resource utilization and enhance overall testing effectiveness.
- Developed and maintained comprehensive documentation, including test plans, test cases, and defect reports, to facilitate knowledge sharing and ensure transparency within the team.
- Participated in Agile ceremonies, contributing to sprint planning, daily stand-ups, and retrospectives to foster collaboration and enhance project visibility.
- Executed regression testing and automation test execution in Electric Flow, ensuring the reliability and performance of software applications.

Netelity Web Solution Pvt. Ltd., Bangalore | Test Engineer|Aug'2018-Nov'2022
Key Result Areas:

- Established and managed a Jenkins continuous integration pipeline, automating regression test execution triggered by code changes, which ensured early defect detection and maintained software quality.
- Developed and maintained automated test scripts using Selenium WebDriver and TestNG, ensuring comprehensive test coverage across various functionalities, including product listings and checkout processes.
- Collaborated closely with development teams to align automated tests with application updates, ensuring test scripts remained relevant and effective throughout the software development lifecycle.
- Conducted manual test case execution to validate functional and non-functional requirements, ensuring thorough coverage of software features and overall system reliability.
- Provided detailed test execution reports and worked closely with developers to resolve issues identified during manual testing, fostering a collaborative approach to quality assurance.

PROJECTS

Iotium Systems Pvt. Ltd. | Smart Building PortalBuilding Automation System (BAS)| Nov 2022 - May 2024
Highlights:

- Automation Framework: Developed a robust framework using Page Objects, Data Driven methodology, Node.js, Puppeteer, JavaScript, and Cucumber.
- Script Development: Created BDD automation scripts with Puppeteer and Cucumber, using Gherkin for behaviors and step definitions.
- Support Code: Wrote Puppeteer support code in JavaScript for Cucumber test execution.

- Script Maintenance: Managed and updated automation scripts for Scrum Stories, ensuring comprehensive coverage.
- Dynamic Elements: Utilized XPATH to handle dynamic elements, enhancing test robustness.
- Regression Testing: Executed regression tests in Electric Flow to ensure software stability.
- Service Automation: Prepared XML files and data sheets for service automation.
- Failure Analysis: Diagnosed and resolved UI and service issues, logging defects in JIRA during SIT and UAT.
- Agile Collaboration: Participated in daily Scrum meetings to support Agile processes.
- Reusable Components: Developed reusable components for improved script maintainability.
- Version Control: Managed code changes using Bitbucket and integrated through Electric Flow.

Netelity Web Solution Pvt. Ltd. | Alo Yoga | E-Commerce
Test Engineer | Oct'2020 – Nov'2022

Highlights:

- Automated Testing: Created and maintained Selenium WebDriver test scripts in Java and TestNG for key features like product listings, shopping cart, and checkout.
- Efficiency Improvement: Reduced manual testing efforts by automating repetitive test cases, ensuring comprehensive coverage.
- API Testing: Developed API test scripts using Postman for end-to-end backend service verification.
- CI Implementation: Set up a Jenkins CI pipeline to automate regression testing, enabling early defect detection.
- Version Control: Managed test scripts with Git, ensuring traceability and organization.
- Team Collaboration: Collaborated with development teams to align tests with application updates.
- Manual Testing: Executed manual test cases to validate both functional and non-functional requirements.
- Reporting: Delivered detailed test reports and worked with developers to resolve identified issues.
- Test Planning: Created and updated a comprehensive test plan to meet business objectives.
- Defect Tracking: Reported and tracked defects in JIRA, prioritizing issues collaboratively.
- Best Practices: Contributed to QA best practices, enhancing overall product quality.

Netelity Web Solution Pvt. Ltd. | Claro
| Telecommunications
Test Engineer | Aug'2018 – Sept'2020

Highlights:

- Agile Leadership: Led Agile ceremonies to boost collaboration and project visibility.
- Backlog Management: Prioritized product backlog using Agile principles to align with project goals.
- Process Improvement: Enhanced project management and testing efficiency with Git, JIRA, and JMeter.
- Collaboration: Coordinated with cross-functional teams for smooth software updates and feature integrations.
- Issue Resolution: Quickly addressed issues to maintain project momentum.
- Documentation: Maintained clear project documentation for team transparency.
- Performance Testing: Conducted JMeter performance testing to ensure application reliability.
- Automation: Developed and maintained automation scripts to streamline testing processes.
- Quality Assurance: Ensured high code quality through thorough testing and code reviews.
- JIRA Customization: Tailored JIRA workflows to improve project management.
- User Support: Provided prompt support to telecommunications professionals, addressing user feedback.

PERSONAL DETAILS

Address:	Thiruvarur, Tamilnadu
Date of Birth:	18th March 1992
Languages Known:	English, Hindi , Tamil