# Dinesh Reddy Gondhesi

# Software Quality Assurance/Test Automation Engineer

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Summary

* Motivated Individual with 7 years of professional experience in Informational Technology (IT) with an emphasis on **Software Quality Assurance (SQA) and Test Automation**.
* Excellent understanding of Test Methodologies and the overall Software Development Life Cycle from requirements to product release.
* Highly ambitious QA/Test Automation Engineer with a passion for quality of software and skilled in **Cloud Infrastructure, GUI, Web services and Database testing**.
* Experience in development and testing on **UNIX, Windows and Cloud based environments (AWS, Azure)**.
* **Produced great ROI (Return on Investment)** with Experience in building Test Automation frameworks for multiple enterprise wide applications using various tools like **Selenium RC/WebDriver/IDE/Grid, HP Unified Functional Testing (HP UFT- Formerly HP QTP), Cucumber**.
* Experience in testing **Cloud Analytics platforms, Monitoring plug-ins to platforms and IT Monitoring integration as a service(ITMaaS)**.
* Designed and developed stable Automation frameworks from scratch for functional and regression testing of a wide variety of complex applications using **Java, Selenium, Maven, TestNG, Junit**.
* Experience in testing and developing automated test procedures using **SOAPUI and REST API testing using POSTMAN**.
* Experience in configuring **Continuous Integration(CI) using Jenkins for Maven and Ant**.
* Experience with working in various Software Development Methodologies Especially **Agile-Scrum**.
* Skilled in Designing Test Plans, defining Test Scenarios and Test Cases, developing and maintaining test scripts, analyzing bugs, interacting with the development team and tracking bugs till closure.
* Experience in Business Functionality Testing, Smoke testing, User Interface testing, Integration Testing, Black Box Testing, End-to-end Testing, Manual Testing, UAT testing, Regression Testing, Performance Testing, Documentation, and Reporting.
* Excellent skill in finding bugs and defect management, using bug tracking tools like**HP ALM (formerly –HP Quality Center), Jira, Bugzilla, Clear Quest**, etc.
* Experience in writing **SQL queries and PL/SQL** procedures to extract data from various source tables to perform database testing.
* Demonstrated excellent **leadership and communication skills**, self-starter, quick learner with strong analytical and critical thinking skills, team player, a good mentor and possess a positive attitude.

**Software Quality Assurance | Test Automation | Selenium | Java | Python | VB Scripting HP UFT (Formerly HP QTP) | HP ALM(Formerly HP Quality Center) | Cloud Infrastructure | Amazon Web Services (AWS) | Microsoft Azure | Web Services Testing | REST APIs Testing |SOAP UI | Database Testing| SQL | PL/SQL | NoSQL| GUI Testing | Continuous Integration | Jenkins | Maven | Docker | TestNG | Waterfall | Agile-Scrum | Bugzilla | JIRA |Test Plans, Cases & Processes | Defect/Bug Tracking | GitHub | Concurrent Versions System (CVS) | Apache Subversion(SVN) | UNIX | MAC OS | Windows**

Domain Certifications

Software Quality Assurance. Advanced Test Automation.

Banking & Financial Services. US and Canadian Banking.

Work Experience

**Blue Medora. Grand Rapids, Michigan Aug 2016- Present**

**Software QA Engineer**

**Responsibilities:**

* Built Automation testing frameworks from scratch using Selenium and TestNGfor **VMware applications**.
* **Increased ROI** by 50% developing automation test scripts for regression and functional testing of monitoring plug-ins to validate health and performance metrics gathered by Application Monitoring Software.
* **Script development in Java, Python and VB Scripting** for automating various applications and services quickly while working in **Agile methodology**.
* Automated test procedures for **API** testing which includes multiple **REST and SOAP web services**.
* Tested **indigenous products** that rely on various **cloud-based** technologies related to **Amazon Web Services(AWS) and Microsoft Azure.**
* **Provided automation capability** for several teams across the enterprise.
* **Established QA best practices** to streamline code delivery and increase code quality.
* **Develop, modify, evaluate test plans** that accurately gauge the product quality.
* **Successfully accomplished SQA milestones** by Pro-actively participating in bug triage, sprint planning, QA, project status and retrospective meetings with cross-functional teams.
* **Hands-on technology** exposure to working in complex, project-based environments. Multifaceted experience in QA software testing, software development and user-acceptance testing.
* Efficient test plan development based on the user stories in the sprints.
* **Led efforts** to adhere to QA processes and test methodologies in agile development environments resulting in quality improvements.
* Significantly contributed in the areas of **technical documentation** and actively collaborated with the team in **driving the review and approval process**.
* **Led the definition of quality standards** and expectations within and across teams.

**Environment**: Amazon Web Services (AWS), Microsoft Azure, GitHub, Selenium, Java, Linux, Agile-Scrum, SQL, TestRail, JIRA , MAC OS, Jenkins, Docker, SOAP UI, REST API.

**Tata Consultancy Services. Chennai, Tamil Nadu March 2011- August 2016**

**Test Automation Engineer**

**Responsibilities:**

* Worked for a client which is one of the **top banks in Canada**.
* **Built Automation testing frameworks from scratch** using **HP QTP/UFT** for different web and windows-based core banking applications.
* Designed **libraries, object repositories and optimized configurations** for **QTP/UFT and QC/ALM**.
* Developed automation scripts from manual test cases and executed them to perform Functional and Regression testing by **increasing ROI more than 50%**.
* **Developed SQL scripts** to validate relational database tables.
* Automated **API and Web services testing** using SOAPUI tool.
* **Built Proof of Concept (POC)** to demonstrate the automation feasibility.
* **Led and mentored a team of QA engineers** to develop, execute and analyze automation tests and deliver quality software.
* **Tested Performance, Security and Third-party dependency aspects** of various cloud-based applications on Amazon AWS and Microsoft Azure.
* Used test management tools like **HP ALM,MTM, Test Rail** for defect management and maintaining the track of the project.
* Involved in performing Functional Testing, Smoke testing, User Interface testing, Integration Testing, Black Box Testing, End-to-end Testing, Manual Testing, UAT testing, Regression Testing, Documentation, and Reporting.
* **Created informative dashboards and metrics** to give an overall idea of the project to the management team.

**Environment**: HP UFT (Formerly HP QTP), Python, VB Scripting, HP ALM(Formerly HP Quality Center), Concurrent Versions System (CVS) | Apache Subversion(SVN), Windows, PL/SQL, Core Banking Applications, Waterfall, GUI & Web-Services.

SkillSet

FUNCTIONAL

* Performing Functional Testing, GUI, System Testing, Regression Testing, User Acceptance Test & analysis of reported defects based on category.
* Building Test Automation Frameworks from scratch.
* Leading test strategizing, planning and execution on windows, web based applications.
* Ensuring adherence to the quality norms and ethical values of the company.
* Providing testing metrics throughout the testing stages.
* Developing & maintaining test scripts, analyzing bugs and interacting with development team members to track the defects to closure.
* Initiate automation and evaluate suitable tools (including open source tools) for the projects, to meet the client needs.

TECHNICAL

* + **Automation tools:** HP UFT(formerly HP QTP), Selenium Web driver, Selenium Grid, Selenium RC, Jenkins, and Cucumber.
  + **Defect tracking tools:** Bugzilla, JIRA, TFS.
  + **Test Management tools:** HP ALM(formerly HP QC), Test Rail, PractiTest. MTM (Microsoft Test Manager).

### **Methodologies Worked In:** Waterfall, Agile- Scrum.

### **Cloud Infrastructures:** Amazon AWS, Microsoft Azure.

### **Languages:** Java, VB Scripting,Python, SQL, PL/SQL

### **Databases:** MySQL, Microsoft SQL server, Oracle, MongoDB, Couch base and Redis.

### **Version Control Software:** GitHub, Concurrent Versions System (CVS), Apache Subversion(SVN).

### **Operating System**: MAC OS, Windows, UNIX/LINUX.

### **Application Servers**:JBoss, Apache Tomcat Server, Web Services.

### Others: MS Office, VMWare.

Education

**Masters in Computer Information Systems (M.S)** Grand Rapids, Michigan

**Grand Valley State University** Graduating April 2018.

**Bachelor of Technology (B.TECH)**  Andhra Pradesh

**JNTU Kakinada** Graduated April 2012.