Anil Chagari

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## Professional Summary:

* Over 20 years of industry experience in the areas of **Software Testing (Manual and Automation)** with a solid understanding of **Test Planning, Test Design, Test Execution and Defect tracking and Reporting’s**
* Involved in different phases of **Software Testing and Software Development Life Cycle (SDLC)** including **Agile Methodology (Scrum) and Waterfall.**
* Sound knowledge on **TestNG** framework, Selenium GRID, **Maven**, **Jenkins** for **Continuous Integration**.
* Expertise in Quality Assurance using Manual and automation tools whichincludes **Selenium WebDriver/Grid, Cucumber, Rest Assured, LoadRunner and JMeter.**
* Expertise in **Data Driven** framework**, TestNG** frameworkand **Page Object Model in Selenium WebDriver** with **Java Programming language.**
* Experience in **Banking, Financial, Publishing, and Health Care** Domains.
* Knowledge in continuous integration using **Jenkins** to support tools like **GIT** and Apache **Maven**.
* Good knowledge of **Object-Oriented Programming concepts and java Programming.**
* Experience in performing **Functional**, **Unit,** **Integration**, **Black Box, smoke, Sanity**, **System**, **Regression** and **User** **Acceptance** tests.
* Experience with Mobile testing of iOS and Android applications.
* Experience in QA & Testing tasks like **bug reporting and tracking, GUI testing, and integration testing.**
* Experience in **Bug Tracking** and **Reporting** Using Bug Tracking Tool **Quality Center/ALM and Jira.**
* Expertise in web services testing using SOAP UI, Rest API, and Postman**.**
* Good experience in reviewing **Business Requirement Document (BRD)** and **Software Requirement Documents (SRD)**, test cases and their execution, also coordinated with developers for fixing defects.
* Design the scripts for all the scenarios which are in scope and customize each script with logical enhancements.
* Proficient in writing **SQL** queries and executing **SQL** queries to perform Backend Testing.
* Verified data integrity by back-end testing of the application by writing **SQL queries.**
* Strong expertise in lifecycle methodologies like Rational Unified Process (RUP), Waterfall, Agile Models **and TDD (Test Driven Development)** methodology.
* Excellent experience with UAT testingand **Demo** of User Stories to Business Users**.**
* Good communication, collaboration & team building skills with proficiency at grasping new technical concepts quickly and utilize the same in a productive manner.
* Strong team player with excellent communication, multitasking and time management skills and shown flexibility, quick learner, and proactive attitude.

## Technical Skills:

|  |  |
| --- | --- |
| **Language** | Java, SQL, C, HTML, XML |
| **Testing Tools** | Selenium WebDriver, Selenium Grid, Cucumber, LoadRunner, JMeter, UFT |
| **Bug Reporting Tools** | Quality Center/ALM, JIRA |
| **Build Management Tools** | Jenkins, Git, Maven |
| **Methodologies** | SDLC, Waterfall and Agile (Scrum) |
| **API Testing Tools** | Postman, Rest Assured, SOAP UI |
| **Frameworks** | Scrum, TestNG, Data Driven, BDD, TDD |
| **Mobile Testing** | iOS, Android |
| **Databases** | MS-SQL, SQL Server, MS Access, Oracle |
| **508 Testing** | Jaws Inspection, Sort Site, Accessibility Insights, Color Contrast Analyzer |
| **Operating Systems** | Windows, UNIX |
| **Security Testing** | Netsparker |
| **Content Management Software** | Sitefinity, Sitecore |
| **Data Visualization Tools** | Microsoft Power BI |

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## Education:

## University of Massachusetts, Amherst (UMASS), Massachusetts – MBA

## University of Nevada Las Vegas, Nevada (UNLV) – M.S. Engineering

## Jawaharlal Nehru Technological University (JNTU) – B.S. Engineering

## Certifications:

Certified AWS Cloud Practitioner

Analyzing Data with Microsoft Power BI

Certified Scrum Master (Expired)

Certified Product Owner (Expired)

Project Management Professional PMP (Expired)

## Training:

Oracle Data Base Administrator

Unix System Administrator

SAP – ABAP Programming

Full Stack Web Development – George Washington University (GWU), Washington DC

## 

## Professional Experience:

## AMS Experts IT Consulting Dec 2023 – Till Date

## Client: Communities In Schools, Arlington, VA

## Role: Lead QA Engineer

## Responsibilities:

* Work in **Agile** development environment for testing Salesforce Application
* Analyzed and Reviewed the Business requirement document to understand the scope of testing of **Salesforce** Application.
* Worked closely with project team in development test scripts for Salesforce application.
* Activated and Deactivated workflows for testing various scenarios in Salesforce Application.
* Tested functionality in various Stages of the flow.
* Tested Role Hierarchy functionality and Profiles.

## General Dynamic Information Technology (GDIT) Mar 2021 – Jun 2023

## Client: National Institutes of Health (NIH), Rockville, MD

## Role: Test Advisor/Lead QA Engineer

## Responsibilities:

* Analyzed the **Business requirement** (**TRD**- Technical Requirement Document) and Design documents to develop Test Plan.
* Developed Automated Scripts to automate manual testing scripts and executed scripts in cloud environment.
* Executed system, integration, end-to-end, and user acceptance test (UAT) test cases.
* Performed Rest API manual and Automation testing using Postman, Subject7, and Selenium.
* Performed 508 accessibility testing using Jaws Inspection, Sort Site, Color Contrast Analyzer.
* Performed security scans using Netsparker to find potential vulnerabilities in Web applications.
* Analyzed and created the bug tracking reporting and summary report in JIRA.
* Wrote SQL scripts to validate the data integrity in the application.
* Performed Automated Performance testing and documented test results in JIRA
* Performed Integration testing of multiple web applications.
* Worked in Agile/Scrum development environment. Attended daily scrum meetings, and sprint planning meetings.

**Environment:** Java, Selenium WebDriver, Oracle, SQL, Subject7, Jenkins, Netsparker, JMeter, Jaws Inspection, Sort Site

**American College of Cardiology (ACC), Washington DC Apr 2017 – Jan 2021**

**Role: Lead QA Engineer**

**Responsibilities:**

* Analyzed **system requirements** and **functional requirement/documents**.
* Involved in all the stages of the **Software Development Life Cycle.**
* Wrote **Functional and Regression** test cases for **Web** and **Mobile** Applications.
* Managed and trained offshore resources for Mobile Testing.
* Responsible for Smoke testing, Regression testing, and Integration testing.
* Prepared test plans to test application functionality.
* Prepared test data for positive and negative test scenarios for functional testing.
* Prepared Requirement traceability matrix (RTM) for the application.
* Performed browser compatibility testing on different versions and data validations for all reports.
* Developed Performance Test script using **JMeter**.
* Create test plans, test cases, test procedures, and test scripts based on requirements and specifications.
* Functionality testing is done in the **Declarative** expressions for a value change on the properties.
* Interacted with Developers, and Business Analysts to resolve technical issues. Identified defects, reported defects, analyzed defects, and closely followed them until the status was closed.
* Communicated test progress, test results to project stakeholders and management.
* Generated status reports and **Bug reports** and presented them in weekly status meetings.
* Performed back-end testing using **SQL** Queries.
* Performed Failover testing of Web Applications.
* Worked with Content Management software: Sitecore and Sitefinity.

**Environment:** SQL Server, ASP.Net, Agile Development, C#, JavaScript, Sitefinity, Sitecore, Cognos, JIRA, Mobile, XML.

**TEK Systems, Linthicum, Maryland Nov 2011 – Feb 2011**

**Clients:**

**Association of American Medical Colleges (AAMC)**

**American College of Cardiology (ACC)**

**Constellation**

**Role: Lead QA Engineer**

**Responsibilities:**

* Prepared test plans to test application functionality.
* Prepared test data for positive and negative test scenarios for functional testing.
* Prepared Requirement traceability matrix (RTM) for the application.
* Performed browser compatibility testing on different versions and data validations for all reports.
* Developed Automated Functional Scripts using **QTP**.
* Performed back-end testing using SQL Queries.
* Create test plans, test cases, test procedures, and test scripts based on requirements and specifications.
* Functionality testing is done in the **Declarative** expressions for a value change on the properties.
* Interacted with Developers, and Business Analysts to resolve technical issues. Identified defects, reported defects, analyzed defects, and closely followed them until the status was closed.

**Environment:** SQL Server, ASP.Net, Agile Development, C#, JavaScript, Sitefinity, Sitecore, Cognos, JIRA, Mobile, XML.

**Sevatec, Vienna, Virginia Aug 2010 – Sep 2011**

**Clients: Department of Labor (DOL)**

**Role: Lead Performance QA Engineer**

**Responsibilities:**

* Developed Performance Testing Scripts using LoadRunner.
* Developed Automated Performance Testing Framework.
* Prepared test data for positive and negative test scenarios for functional testing.
* Prepared Requirement traceability matrix (RTM) for the application.
* Trained Junior level tester in Performance Testing using LoadRunner.
* Developed Automated Functional Scripts using **QTP**.
* Performed back-end testing using SQL Queries.
* Gave Demo of Performance Testing to Business User
* Conducted Load testing, Stress testing, and Capacity testing using LoadRunner.
* Reviewed Application Architecture for Web Servers, Application Servers, and Database Servers.

**Environment:** SQL Server, ASP.Net, Agile Development, C#, JavaScript, Sitefinity, Sitecore, Cognos, JIRA, Mobile, XML.

**Veritude, Providence, Rhode Island Aug 2008 – Feb 2009**

**Clients: Fidelity Investments**

**Role: Performance QA Engineer**

**Responsibilities:**

* Developed Performance Testing Scripts using LoadRunner.
* Prepared test data for positive and negative test scenarios for load testing.
* Prepared Requirement traceability matrix (RTM) for the application.
* Developed Automated Functional Scripts using **QTP**.
* Conducted Load testing, Stress testing, and Capacity testing using LoadRunner.
* Reviewed Application Architecture for Web Servers, Application Servers, and Database Servers.
* Developed Performance Testing Test Plan.

**Environment:** SQL Server, ASP.Net, Agile Development, C#, JavaScript, Sitefinity, Sitecore, Cognos, JIRA, Mobile, XML.

**Talen Quest, Nashua, New Hampshire April 2009 – May 2009**

**Clients: Sovereign Bank (Short Term Contract)**

**Role: QA Engineer**

**Responsibilities:**

* Developed functional test plans and test cases for a Web based application.
* Performed Back-End testing using SQL queries.
* Prepared Requirement traceability matrix (RTM) for the application.
* Interacted with Developers and Project Manager to resolve technical issues.
* Communicated Functional testing progress, test results to project stake holders.
* Identified, analyzed, and reported application defects, and closely followed until the status was closed.
* Communicated test progress, test results to project stakeholders and management.

**Environment:** SQL Server, ASP.Net, Agile Development, C#, JavaScript, Sitefinity, Sitecore, Cognos, JIRA, Mobile, XML.

**Veritude, Providence, Rhode Island Aug 2008 – Feb 2009**

**Clients: Fidelity Investments**

**Role: QA Engineer**

**Responsibilities:**

* Developed functional test cases for Web Applications and documented test cases in Quality Center
* Prepared test cases to test Data Warehousing applications. Used Informatica to test Data Warehousing applications.
* Developed Automated Functional Scripts using **QTP** and documented test results in **Quality Center**.
* Extensively used and developed SQL queries to test Data Warehousing applications.
* Interacted with developers, business analysts, and reviewed ETL design documentations.
* Created test cased for ETL mappings from design documentation and documented in Quality Center.
* Participated in project status meetings and QA status meetings.
* Defects found in testing environment are documented and communicated to the developers using Quality Center.

**Environment:** Oracle, Java, JavaScript, Quality Center, XML, QTP, Informatica, SQL, MS Office Suite

**EMC, Westwood, Massachusetts Nov 2006 – Dec 2007**

**Role: Senior QA Engineer**

**Responsibilities:**

* Developed functional test cases and test plans for web-based applications and documented in Quality Center.
* Prepared test data for positive and negative test scenarios for functional testing.
* Developed and Executed Automated Functional Scripts using **QTP** and documented in **Quality Center**.
* Coordinated with developers, business analysts and project managers during project QA testing phase.
* Wrote SQL queries to validate the data using joins, subqueries and set operators.

**Environment:** Oracle, Java, JavaScript, Quality Center, XML, QTP, SQL, MS Office Suite

**Fidelity Investments, Marlborough, Massachusetts Jul 2006 – Sep 2006**

**Role: Senior QA Engineer**

**Responsibilities:**

* Developed functional test cases and test plans for web-based applications and documented in Quality Center.
* Prepared test data for positive and negative test scenarios for functional testing.
* Developed and Executed Automated Functional Scripts using **QTP** and documented in **Quality Center**.
* Coordinated with developers, business analysts and project managers during project.
* Wrote SQL queries to validate the data using joins, subqueries and set operators.

**Veritude, Marlborough, Massachusetts Nov 2004 – Jun 2006**

**Clients: Fidelity Investments**

**Role: QA Engineer**

**Responsibilities:**

* Developed functional test plans and test cases for Defined Benefit Applications.
* Coordinated with Business Analysts in reviewing project requirements and developing test scenarios.
* Prepared Requirement traceability matrix (RTM) for the application.
* Designed and Developed Automated Functional Scripts using **QTP.**
* Conducted UAT meetings and documented UAT test cases and defects in Quality Center.
* Wrote SQL queries to validate backend data and documented the defects in Quality Center.
* Communicated the testing status, activities, and defects in oral and written formats to project team.

**Environment:** Oracle, Java, JavaScript, Quality Center, XML, QTP, SQL, MS Office Suite

**Houghton Mifflin (HMCO), Boston, Massachusetts Nov 2004 – June 2006**

**Role: Senior QA Engineer**

**Responsibilities:**

* Developed Performance Testing Scripts using LoadRunner.
* Prepared test data for positive and negative test scenarios for load testing.
* Prepared Requirement traceability matrix (RTM) for the application.
* Developed Automated Functional Scripts using **WinRunner** and documented test cases.
* Conducted Load testing, using LoadRunner and documented test cases.
* Reviewed Application Architecture for Web Servers, Application Servers, and Database Servers.
* Documented System Architecture for various applications used in HMCO.
* Lead QA projects to completion on time, on budget and with Quality.
* Developed manual functional test cases and participated in requirements review meetings.
* Assisted business users through UAT process and documented defects found in UAT.
* Installed Web Applications on Servers and moved the code from development environment to Stage environment and to QA Environment.
* Worked with UNIX shell scripts to perform batch testing and moving scripts using ftp.

**Environment:** Oracle, Java, JavaScript, Quality Center, XML, QTP, SQL, MS Office Suite, Load Runner, WinRunner

**Central Transportation Planning Staff (CTPS), Boston, Massachusetts Oct 1996 – Oct 2000**

**Role: Transportation Engineer**

**Responsibilities:**

* Conducted Micro and Macro Simulation tests using traffic related software.
* Prepared Traffic Impact Studies project report documents and reviewed with all stakeholders.
* Developed scripts using Geographical Information Systems (GIS) software.
* Tested various Traffic software programs and documented test results.

**Environment:** GIS, SIDRA, NETSIM, HCS, SQL, MS Office Suite

**MM Associates, Hackensack, New Jersey April 1995 – Aug 1996**

**Clients: Fidelity Investments**

**Role: Traffic Engineer**

**Responsibilities:**

* Worked on Traffic Impact Studies using HCM (Highway Capacity) software.
* Performed Statistical Analysis for traffic related projects.
* Documented findings from traffic impact studies using word and excel documents.

**Environment:** HCS, MS Office Suite, Traffic Studies Software

**Simco Associates, New York, New York Mar 1994 – Mar 1995**

**Clients: Fidelity Investments**

**Role: Traffic Engineer**

**Responsibilities:**

* Worked on Traffic Impact Studies using HCM (Highway Capacity) software.
* Performed Traffic Simulation tests using Traffic related software.
* Performed Statistical Analysis for traffic related projects.
* Documented findings from traffic impact studies using word and excel documents.
* Reviewed project reports with various stakeholders.

**Environment:** HCS**,** MS Office Suite, Traffic Studies Software

**Ethon C Eldon Associates, Long Island, New York Dec 1993 – Mar 1994**

**Clients: Fidelity Investments**

**Role: Traffic Engineer**

**Responsibilities:**

* Worked on Traffic Impact Studies using HCM (Highway Capacity) software.
* Performed Statistical Analysis for traffic related projects.
* Documented findings from traffic impact studies using word and excel documents.
* Conducted Traffic count studies and analyzed the data using Traffic Software.

**Environment:** HCS, MS Office Products

**University of Nevad Las Vegas, Las Vegas, Nevada Aug 1991 – Aug 1993**

**Client: Transportation research Center, UNLV**

**Role: Research/Teaching Assistant**

**Responsibilities:**

* Assisted professors to grade undergraduate courses.
* Worked with Geographical Information System (GIS) and Traffic Software
* Wrote SQL queries in INFO database that is used by GIS software.
* Conducted research on Yucca Mountain Project using GIS software.

**Environment:** GIS, HCS, MS Office Products