###  Anish Kilaru

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Personal portfolio (click here>):<https://anishkilaru.com/>

##### Software Development Engineer in Test

**Web Ui Automation | Bug Tracking | Back End Testing**

*Demonstrate exceptional* ***Software Development engineer in test*** *skills as part of supporting the implementation of projects while testing on* ***web application, API’s and client/server applications.*** *Over 7 years of creating value by leveraging innovative use of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) to attain business goals.*

**SUMMARY**

* 7 years’ experience in Information Technology, specializing in **Software Quality Assurance** proficient in testing on **web** application and **Client/server** applications.
* Extensive knowledge in automated and manual software testing techniques, tools and Software Development Life Cycle methodologies such as **Waterfall** and **Agile (Scrum)**
* Envisioned, developed, and implemented innovative and effective testing lifecycle as a QA-lead for enhancements to the testing approach, incident management in Production
* Subject Matter expert on **Facets tool and Premera Automation framework**
* Spearheaded the testing process and automation tools like selenium used company-wide, enabling iterative deployment of product with Automation scripts executing for each build
* Experience on **CLAIMS** and **HIPPA** standard testing.
* Promoted from SDET role to **QA-Lead** within a year of hire, outpacing Premera’s typical timeline. Recognized for developing excellent test plans/scripts and diligently identifying defects.
* Expertise in .**NET framework** with great proficiency in creating applications using **ASP.NET, C#, VB.NET**, **MVC, ADO.NET**, **Microsoft Azure**, CSS, WCF, WEB API, WPF, SQL Server, LINQ and Visual Studio.NET
* Assessed the production issues and providing QA inputs to operations and business team, which helped spending less time on defect triaging
* Experience in working on **Selenium WebDriver** with the preferred Languages **JavaScript, C #, VB**
* Winner of two office performance contests among 12 more tenured representatives. More than 300 effective test cases written in two months (August & September 2016)
* Expertise in analyzing Business Requirements **(BRD),** Functional Requirement Document **(FRD)**, System Requirements Document **(SRD)**, Use Cases, UML Diagrams for Web and desktop applications
* Strong abilities in software testing involving setting up of test environment, creation of test scripts / cases, execution **of Grey-box, Black-box testing including Smoke, functional, regression , System Integration Testing, Performance testing, Security testing, Graphic User Interface, End-to-End Testing, compatibility, web services, database testing** and tracking of defects using various tools
* Involved in all phases of the testing life cycle (analysis, design and execution). Iteration Kickoff and Design meetings and participated in QA Test Case Reviews.
* Extended expertise in QA and Automated Software Testing using **Visual Studio, C#, Soap UI, HP/ALM/Quality Center, Apache Jmeter, SOA tool and Selenium.**
* Experienced in writing and executing **SQL** queries using **MySQL,** and **SSMS**
* Experienced in automation based on **Web Driver** and **frameworks like MS framework, Nunit** with **C#** programming language.
* Extensive experience in building tools with **C#.Net, ASP.Net**, **WCF** and **REST Services**.
* Strong knowledge in **OOPS** Programming.
* Developed Client applications using .**Net Core** for submitting requests to **ServiceNow**
* Strong experience in different automation frameworks like **Page Objects framework, Keyword Driven framework, Data driven framework and Hybrid framework** for several projects.
* Experience with **SOA**, **Web Services, SOAP, Soap UI, RESTFUL** technologies.
* Experienced in **CVS, VSTS, GIT** for changes in source code to a repository.
* Good Knowledge in Web Architecture using different language **like HTML, CSS, Bootstrap**
* Expert in reporting & tracking defects, & maintaining with high level of detail with accuracy and recreation steps using **JIRA, Bugzilla** and **Emails, Quality Center, MTM**
* Comprehensive knowledge of Manual and Automation tools like **Selenium, Load Runner, UFT, VS, SOA Test** and lead QA team in the areas of **UAT** Phases.

# Core Skills and Competencies

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| * Risk Analysis
 | * UI & Compatibility Testing
 | * Project Management
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| * Test Automation
 | * Performance testing
 | * Scripting & Documentation
 |
| * Process Improvements
 | * API testing
 | * Time Management
 |
| * QA Testing & Methodologies
 | * Industry Expertise
 | * Defect/Bug Tracking
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**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Testing Tools | Selenium IDE/RC/GRID/Web Driver, Jmeter, Visual Source Safe (VSS), VSTS, SOA, QTP, Load Runner, Parasoft SOA,  |
| Languages and technologies |  Java Script, HTML, CSS, C#, VB Scripting, SQL, ASP.NET, ADO.NET, Web Services, WCF, WEB API and REST services |
| Test Framework | NUnit, AnyAUT, Hybridn MS Test, PAF |
| Build and Integration Tools | Ant, Jenkins, Azure DevOps, Urban Deploy |
| Bug Tracking Tools | JIRA, Quality Center (QC), MTM |
| Source Version Control Tools | Git, VSTS, TFS |
| Databases | SQL Server, MySQL and Oracle, SQL plus, Microsoft SQL Server Management Studio, SQL Server Management Studio, Azure SQL Server, Cosmos |
| Operating Systems | Windows (XP, Vista & 7, 8, 10)  |

**Employer: Premera Blue cross, MLT, WA** Dec’ 18 – Present

**Position: SDET/ QA Lead**

 **Responsibilities:**

* Established well-coordinated Kickoff and Design meetings as well as participated in **Software Requirement Specifications** for Automation Stories
* Isolated deeply embedded software flaw in new version of company’s cornerstone software product prior to its 2020 release, saving in product-replacement costs.
* Creation of **Test Data Requirements** and setting up **Test Environment**; Software **Test execution**; **Defect Management.**
* Writing and executing automation scripts using **Selenium Web Driver**, **C#.**
* Employed a “test-to-break” approach on testing initiatives and clarified ambiguous requirements to ensure the effectiveness of all test plans.
* Formulated functional testing to identify various critical points in the application and automated it by using **Selenium WebDriver**. Flawlessly automated more than 360 test cases in two months (March, April -2019).
* Involved in Implementing and consuming **Azure key vault.**
* Involved in Cloud migration, **Microsoft Azure functions** implementation.
* Analyzed the **Business Requirements Document (BRD)**, developed Test cases and Test scripts for the application under test. Actively participated and Interacted with analysts in the review and analysis of functional requirements.
* Improved documentation of **QA testing practices** to enhance their repeatability, saving time and money and encouraging testing standardization and best practices.
* Involved in running **Selenium** automation scripts and updating the scripts according to enhanced requirements using **Selenium WebDriver**.
* Developed new Automation test cases and carried out **Smoke Test**, which evaluated application testing results and recorded the discrepancies using Jira to track, analyses and reports.
* Running Test scripts on different browsers using the **Selenium Webdriver.**
* Developing and executing **SQL** queries to verify the proper insertion, deletion and updates into the database.
* Performed Regression testing on new builds, every modification in the application using **Parasoft SOA, UFT, CodedUI**
* Performed Compatibility testing of applications for dynamic and static content of browsers using HTML Ids and XPath in **Selenium**.
* Performed defect reporting and bug tracking in **MTM, DevOps** and followed up with development team to verify bug fixes, and update bug status.

**Environment**: .NET Framework 4.7, .Net Core, Facets and Visual Studio 2019, C# 5.0, Web API 2, SQL Server 2017, Microsoft Unit Test framework, Microsoft Azure functions, Selenium WebDriver, TDD, Agile, HTML, UFT, ParaSoft SOA, SQL

**Employer: Premera Blue cross, MLT, WA (Contract)**  June’ 17 –Dec’18

**Position: SDET**

 **Responsibilities:**

* Involved in **Analysis** of **Business Requirements**, **Use Cases, Design Flowcharts** and **Software Requirements Specifications**; Creation of **Test Data Requirements** and **Test Condition Matrix**; Setting Up **Test Environment**; Software **Test execution**; **Defect Management.**
* Assessed the release schedule to provide estimates and test strategies to management, which allowed management to gain realistic timelines
* Created **C#** based scripts for **Selenium WebDriver** with **PAF** as automation framework.
* Analyzed Business Requirements and Developed Test Plans, Test Cases and generated Test Scripts for both Positive and Negative testing as well as to judge the software acceptance criteria for testing.
* Involved in writing and executing automation scripts using **Selenium Web Driver**, **C#** and **Visual Studio**
* Analyzed the **Business Requirements Document (BRD)**, developed Test cases and Test scripts for the application under test. Actively participated and Interacted with product management teams in the review and analysis of functional requirements.
* Developed Scripts using **Selenium WebDriver** combo for user module application.
* Developed automation test cases, executed these test scripts and logged defects in **JIRA**.
* Involved in running **Selenium** automation scripts and updating the scripts according to enhanced requirements using **Selenium WebDriver**.
* Stimulated performance improvement by implementing **Jmeter** and BrowserMob proxy, along with Selenium to capture UI level performance metrics Involved in running Test scripts on different browsers using the **Selenium Webdriver.**
* Developed and executed **SQL** queries to verify the proper insertion, deletion and updates into the database.
* Performed Regression testing on new builds, every modification in the application using **Selenium WebDriver**.
* Performed Compatibility testing of applications for dynamic and static content of browsers using HTML Ids and XPath in **Selenium**.

**Environment**: NET Framework 4.5, Facets and Visual Studio 2019, C# 5.0, Web API 2, SQL Server 2017, Microsoft Unit Test framework, Microsoft Azure functions Selenium WebDriver, TDD, Agile, HTML, XML

**Employer: Donato Technologies. Dallas,** TXDec’16 – May’17

**Position: SDET**

 **Responsibilities:**

* Involved in **Analysis** of **Business Requirements**, **Use Cases, Design Flowcharts** and **Software Requirements Specifications**; Creation of **Test Data Requirements** and **Test Condition Matrix**; Setting Up **Test Environment**; Software **Testexecution**; **Defect Management.**
* Created **C#** based scripts for **Selenium WebDriver** with **MS Test** as automation framework.
* Involved in writing and executing automation scripts using **Selenium Web Driver**, **C#**
* Provided database connectivity using **Entity Framework 6.0**, LINQ, designed stored procedures and views at the back end for Automation scripts
* Involved in running Test scripts on different browsers using the Bash, Puppet and **Selenium Webdriver.**
* Implemented **Jmeter**, BrowserMob proxy along with Selenium to capture UI level performance metrics.
* Develop consumer-based features and applications using JavaScript, **JQuery, HTML, CSS**
* Developed and executed **SQL** queries to verify the proper insertion, deletion and updates into the database.
* Performed Regression testing on new builds, every modification in the application using **Selenium WebDriver**.
* Used **PostMan** tool to test **API** based architecture application to test **services** and **REST API**
* Performed Compatibility testing of applications for dynamic and static content of browsers using HTML Ids and XPath in **Selenium**.
* Used **Jenkins** server to execute automation scripts on a regular basis by scheduling build.
* Involved in Testing in Agile Development Environment using **TDD** and **ATDD** approach.
* Performed defect reporting and bug tracking in **QC** and followed up with development team to verify bug fixes, and update bug status.
* Prepared user documentation with screenshots for **UAT** (**User Acceptance testing**).
* Interacted with development and product management teams for the quick resolution of reported bugs and various technical issues.

**Environment**: **C#,** **Selenium** WebDriver, TDD, ServiceNow, Agile, Jenkins HTML, **XML**, JMeter, SQL, Quality Centre, Windows 10

**Employer: Booksmart Valley Ranch, Texas** Aug’16- Dec’16

**Position: QA Analyst**

**Responsibilities:**

* Involved in developing **HTML and JavaScript** for client-side presentation and data validation on the client side within the forms.
* Experience in Client Side designing and validations using **HTML and JavaScript.**
* Designed business applications using web technologies **like HTML, XHTML,** and **CSS** basedon the **W3C standards.**
* Developed web forms using **HTML** for the application.
* Developed data insertion forms and validated them using JavaScript.
* Designed software applications using **HTML, JavaScript, XML, JSP, PHP, and CSS** among others.
* Involved in creating **oracle SQL tables** and **PL/SQL procedures**.
* Performed **GUI Test, Smoke test, System test, User Acceptance Test (UAT).**
* Developed **PHP** code for the entire mobile application and implemented it successfully.
* Tested the application and webpages functionality using **Selenium** testing application.
* Develop documentation including help text, report samples, and screen samples.
* Involved in estimating and executing the Test Cases based on the uses cases in the functional Specification.
* Used **QTP** to validate links, objects, images and text on Web pages continue to function properly.
* Writing Effective & Optimized test cases to verify the Functionality.

 **Environment:**  HTML, CSS, PHP, Selenium, Clear Case, Clear Quest, SharePoint

**Employer: Stubborn Software Solutions, India** July’13- Jan’14

**Position: QA Analyst**.

 **Responsibilities:**

* Design and Execute **Test Cases**.
* Preliminary discussions of the Project with the Core Team.
* Test Execution in **SIT** and **UAT** environments and managing the test scripts and test results in **Jira**.
* Work in transition to use Agile (**Scrum**) Methodology.
* Involved in Preparation of **POC** (Proof of Concept) of **Test Automation** with the Tools.
* Involved in Manual Testing, Setup maintenance and **Bug reporting**/closure activities.
* Involved in **Regression Testing**.
* Thorough Database Testing on **Oracle Database** created and executed **SQL Queries** to validate specific Business Process.
* Actively involved in **HP Quality Center** implementation, customization and automated test integration.
* Allocation of work among the **testing team** both at onsite and offshore.
* Involved in **Functional, Regression testing** and **GUI** testing
* Involved in **ad-hoc Testing.**
* Involved in Bug reporting using **Bugzilla** and **Test Director**.
* Ensure that all **Functional requirements** are tested.

**Environment:** Test Director, Manual Testing, Bugzilla, VB-Script, UML, GUI, SQL server, Visual Studio, IE, VSS, Microsoft Office, Windows 7/Vista, Linux, UNIX.

 **Education:**

**2015 MS in Com.Engineering Technology and Leadership**

Western Illinois University, IL

3.89 GPA