

Mohamed Ibrahim

Automation Test Architect

Email: ibbujob@gmail.com

Mobile: +1-8643459595

Location: Spartanburg, SC, USA

SYNOPSIS: Over 10 years of experience in Software Testing. I have extensive experience in web, mobile, web services and windows automation testing.

Expertise in crafting automation framework architecture, Performed proofs of concepts and automation feasibility to identifying best tool for automating applications.

EXPERIENCE SUMMARY

- Having around 10 years of experience in Automation Software Testing
- **Having valid H1B visa and current work located in Spartanburg SC US.**
- Extensive experience in Functional UI, Mobile and Web services automation testing using tools like **Selenium, Appium, UFT, VS-C#, Experitest SeeTest, Perfecto, Rest Assured, SOAP UI and Ready API**
- Gained experience in requirement analysis, test planning, test estimation, test design, test execution, defect and test reporting
- Core technical member in Test Automation Center of Excellence (TACOE) groups supporting various organizational initiatives
- Intermediate knowledge in Web development
- **Highly skilled in automation framework designing**
- Skilled in developing web, windows and excel macro applications for automation testing
- Implemented the Generic reusable wrappers which supports mobile and web platform using Appium and Selenium API
- Can easily adapt to the any automation tool and technologies.
- Performed proofs of concepts and automation feasibility to identifying best tool for automating applications
- Leading a test automation team
- Excellent problem solving skills with a strong Technical background and good interpersonal skills
- Followed an extremely light and efficient agile process, easy and fast, to prioritize among projects and manage a program in an agile manner.
- Have traveled to onsite places like US, Canada and Mexico. Direct Interaction with Client and maintained good rapport

Areas of Experience

Industries

ITIL
Airline
Healthcare
Leasing & Lending
Finance

Applications

Web, Windows and
Mobile

Functional Tools

Selenium-Web Driver,
UFT, VS-C# automation,
and Ranorex

Mobile Tools

Appium ,Experitest
SeeTest, Perfecto amd
Ranorex

WebService Tools

Rest Assured and
Ready API

Automation Framework

TestNG, Cucumber,
Jbehav, keyword driven,
Data driven and hybrid
driven

Programming language

Java, C#, Groovy and
VBscript

Test management Tool

HP QC 10.0/11.0and
JIRA

Version Control Tools

SVN, GIT and Perforce

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ACADEMIC QUALIFICATION

Qualification	University	Year of Passing
B.Tech(IT)	Anna university	2007
HSC	State board	2002

EXPERIENCE SUMMARY

Organization/Institution	Designation	Duration
Hexaware Technologies	Technical Architect	18th April, 2012 - Till Date
GAVS	Senior Software Engineer	March 2011 to April 2012.
CSS CORP	Test Analyst	April 2008 to July 2010.

WORK EXPERIENCE

→ **Working as Technical Architect in Hexaware Technologies from 18th April 2012 till date.**

Project #1

Project Name : Advance America
Role : Software Development Test Engineer (SDET)
Tool Used : Selenium Webdriver, TestNG, AutoIT, Appium
And Rest Assured.
Location : Spartanburg, SC, USA
Duration : March 2018 to till date

Description: **Advance America** is lending company which has helped millions of Americans with a variety of personalized financial solutions, including Payday Loans, Installment Loans, Title Loans, and Personal Lines of Credit. They are a nationally recognized, fully licensed financial company with over 2,000 locations nationwide and online lending services. As a founding member of the Community Financial Services Association.

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Roles and Responsibilities:

- Design and Develop Test automation framework to support agile testing process
- Undertaking all forms of functional and non-functional testing
- Creating Reusability functions for functional related queries
- Creating Page Object model for application to automate the responsive UI
- Creating the Object repository for the pages
- Developed and Executed test scripts for the test scenarios for each sprint using Selenium WebDriver and push it to CI/CD environment
- Implemented the customized reporting framework for selenium using Extend reports
- Give Demos of the developed Automation Scripts to client based on client requirement
- Extending the framework to support test execution in mobile devices using Appium and Web services using Rest Assured
- Perform the Code Review with our standard checklist and check into the Bit Bucket using Source Tree
- Integrated the automation framework with Jenkins and kick off the tests whenever get a new build on Test environment.
- Worked closely with the web development team to ensure quality deliverables.
- Creating the quality delivery package for every milestone.

Project #2

Project Name	: Toyota Financial Services
Role	: Automation Test Architect and Lead
Environment	: Desktop web, mobile web and mobile app automation(Selenium Web driver and Perfecto Mobile Cloud)
SDLC	: Agile
Duration	: Sep 2016 to Feb 2018

Description: The objective of this project is to allow Toyota Financial and Lexus Financial customers to access their financial account with a stronger level of security through enhanced second level authentication. Authentication methods via email, SMS Text, Phone and Fingerprint/Eye scan are in scope on Web (desktop), Mobile Web and Mobile App platforms, for the MFA project. This project impacts the following functionalities of these platforms: Conversion, Login, Registration, Edit Profile, Forgot Username, and Forgot Password. The completion of this project will result in stronger security and improved customer experience by accomplishing the following:

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- Replacing SQA with one time password using RBA capability
- Enabling out of band options: SMS text, email, phone call, biometric; eye or fingerprint scan, as Second factor authentication
- Simplifying forgot password, change password and forgot user id flow with the introduction of MFA

Roles and Responsibilities:

- Leading an offshore automation team
- Involving in understanding and analyzing the business requirements
- Involved in agile ceremonies
- Prepared estimation to the given requirements
- Designed automation framework for automating TFS and LFS Desktop web, mobile web and app functionalities using selenium and Perfecto.
- Migration from UFT to selenium
- Preparation, execution and reviewing Automated Test Cases.
- Manage and allocating work activities to the offshore team
- Reported daily and weekly status reports to client and Hexaware Management
- Provided technical solutions to the team members
- Had direct client interaction.

Project #3

Project Name	: Wolters Kluwer-CTS
Role	: Automation Architect
Environment	: Web Services and Web app automation
SDLC	: Agile
Duration	: Jan 2016 to Aug 2016
Tools Used	: Ready API,JIRA, Gradle and Bamboo

Description: CTS (abbreviation for Clinical Terminology and Surveillance) is part of the Wolters Kluwer's Health portfolio that specializes in helping healthcare professionals, students, and researchers to make important decisions on patient care. Clinical Terminologies provide with software, content, and consulting solutions that map, translate, update, and manage standard and enhanced clinical terminologies on an enterprise scale — enabling the information liquidity required to support some of healthcare's toughest challenges, such as meaningful use compliance, ICD-10 conversion, population health management, analytics, and semantic interoperability

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among systems. Clinical Surveillance helps users gain visibility across disparate IT systems to identify opportunities for intervention in real time.

Roles and Responsibilities:

- Performed proofs of concepts and automation feasibility to identifying best tool for WK-CTS API testing and finalized ReadyAPI tool for web services and selenium tool for Web app
- Involving in understanding and analyzing the business requirements
- Prepared estimation to the given requirements
- Designed automation framework for automating Webservice using ReadyAPI and Web app functionalities using selenium-web driver.
- Developed Test Automation Management Tool using JAVA-FX.
- Manage and allocating work activities to the offshore team
- Reported daily and weekly status reports to client and Hexaware Management
- Provided technical solutions to the team members
- Direct client interaction.

Project #4

Project Name	: Air Canada
Role	: Automation Architect
Environment	: Mobile app automation in Android, iOS, Blackberry & Mainframe(PCOMM)
SDLC	: Agile
Duration	: Feb 2015 to Jan 2016
Tools Used	: SeeTest, Eclipse and Maven

Description: Air Canada is Canada's largest full-service airline and the largest provider of scheduled passenger services in the Canadian market, the Canada-U.S. trans-border market and in the international market to and from Canada.

Air Canada is having ongoing web application for airline services. Now Air Canada is going to launch new mobile applications on iOS, Android, BB10 and Windows to provide the airline services. Mobile application contains functionalities like Airline Reservations, Fares, CheckIn, Refunds, Payment flows, Offers etc...

Roles and Responsibilities:

- Performed proofs of concepts and automation feasibility to identifying best tool for Air Canada mobile application. Finalized Experitest SeeTest mobile automation tool.
- Involving in understanding and analyzing the business requirements
- Prepared estimation to the given requirements

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- Designed automation framework for automating mobile applications
- Involved in developing Mobile Test Automation Management Tool
- Developed windows application for viewing script running devices from anywhere using java and socket communication
- Manage and allocating work activities to the offshore team
- Reported daily and weekly status reports to client and Hexaware Management
- Provided technical solutions to the team members
- Designed Automation test cases using SeeTest for multiple application to both IOS and Android platform across versions
- Interacted with Client through attending daily scrum meeting

Project #5

Project Name : Verizon Wireless Mobile App
Role : Automation Lead
Environment : Mobile App automation- Android, iOS
SDLC : Agile
Duration : SEP 2013 to Jan 2014
Tools Used : SeeTest, Eclipse, MySQL

Description: Client is a leading Wireless Network Company based on US. Selected applications are determined based on collaborative discussions with Device Marketing (DM) and Business Development and currently consist of any 3rd party application that will be preloaded and has a streaming component. Key feature functionality and usability test cases executed.

Roles and Responsibilities:

- Involved in understanding and analyzing the business requirements
- Prepared estimation to the given requirements
- Designed automation framework for automating mobile applications
- Involved in developing Mobile Test Automation Management Tool
- Developed windows application for viewing script running devices from anywhere using java and socket communication
- Manage and allocating work activities to the offshore team
- Reported daily and weekly status reports to client and Hexaware Management
- Provided technical solutions to the team members
- Designed Automation test cases using SeeTest for multiple application to both IOS and Android platform across versions

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- Interacted with Client through attending daily scrum meeting

Project #6

Project Name : Career Education Corporation (CEC) - Online Schooling
Role : Automation Architect
Environment : iOS, Android, C # .NET- Web services, Oracle 10g, Windows 8.x
Tools Used : SeeTest, QTP 10.0, SOAP UI, TFS, SQL Server and VS Studio
Duration : March 2013 to August 2013

Description: Our Client is one of the world's leading providers of quality post-secondary educational services in Western County. Our client offers the online education and ground campus education. Approximately one third of students attend the web-based virtual campuses of American InterContinental University Online (AIU), International Academy of Design and Technology (IADT) online and Colorado Technical University Online (CTU). And there are around 140 odd Ground schools.

CEC is having an iOS and Android Application which are providing educational services. The range of devices being tested are iPhone & iPad, iPad mini and android devices.

Experitest SeeTest is used for test design and **Eclipse TestNG** is used for implementing the Framework features and for implementing the conditional flows

HTML and XML reports and excel summary report were provided to the client on the test results.

Role and Responsibilities:

- Designed automation framework for automating mobile applications.
- Updating automation framework according to the requirements and maintained.
- Designed framework for Web Service automation testing using SOAP UI tool and functional automation testing using QTP tool.
- Performed Functional Web-Service testing (Automated Unit Web Service Testing, WSDL Compliance Testing, web Service Performance Testing).
- Involving in the preparation of Test cases and Peer review of the test cases for web services
- Prepared and executed the automated test scripts in automated tool QTP.
- Setting up the test data for different scenarios as per the requirement
- Perform the Functional & Regression testing for online and ground schools
- Provided technical solutions to the team members
- Extensive Usage of Microsoft Team Foundation Server for tracking defects
- Directly Communicating with Clients
- Backend verification using SQL queries

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Project #7

Project Name	: Deutsche Leasing
Role	: Automation Test Lead
Environment	: XML, WSDL, SOAP, Java/J2EE. Oracle 10g
Duration	: April 2012 to Feb 2013
Tools Used	: Parasoft SOAtest, QTP, QCALM 11.0

Description:

The Deutsche Leasing Group is the leading solutions-oriented asset finance partner for German medium-sized companies and offers a wide range of investment-related finance solutions (asset finance) and other complementary services (asset services).

Roles and Responsibilities:

- Clearly understanding the functionality of the application
- Preparation of Test Cases & Test data
- Prepared Parasoft SOAtest Automation Framework to run Automated Unit Web Service Testing
- Designing framework for Web Service automation testing using Parasoft SOAtest tool and functional automation testing using QTP tool.
- Executing Test Cases and validating the Test Execution results
- Performed Functional Web-Service testing (Automated Unit Web Service Testing, WSDL Compliance Testing, web Service Performance Testing).
- Automated Functional Test Scripts by using ParaSoft SOA 9.2.
- Written a integration script between QC and Parasoft
- Involvement in Sanity, Functional, UAT and Regression testing
- Constructively interacted with developers to maintain the quality of the application

→ **Worked as a Senior Software Engineer in GAVS pvt Chennai from March 2011 to April 2012.**

Project #8

Title : Online Gaming.

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Team Size : 6
Environment : QTP 10.0 and Ranorex 3.2
SDLC : Agile Model
Organization : GAVS, Chennai
Duration : March 2011 to November 2011
Client : Sporting Bet, UK

Description

Sportingbet is a British e-gaming operator.

It is listed on the London Stock Exchange and is a constituent of the FTSE SmallCap (index of small market capitalization companies). Sportingbet operates local-focused sports books, virtual games and casino sites, and the online poker cardroom, Paradise Poker.

Overall, the company has over 2.5 million registered customers in 200 countries, which place over one million bets (casino, poker, sports and virtual games) per day.

Sportingbet operates several websites. The largest of these are wholly owned and operated by Sportingbet. They also use a system similar to a franchise, in which independent website operators use Sportingbet's centralized software, financial services, grading, and customer service under license. These web sites receive a cut of the profits their customers generate.

Roles and Responsibilities:

- Understanding the User's Requirements
- Involved in POC for automation tool
- Designing framework using QTP Scripts and Ranorex
- Preparation, execution and reviewing Automated Test scripts
- Involved in preparing Test Scenarios and Test conditions
- Generating scripts for Test Scenarios and Test conditions
- Executing the Test scripts for periodic builds

Project #9

Title : Trading application for Online Gaming
Team Size : 3
Tool Used : Selenium- Webdriver
SDLC : Agile Model

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Location: Spartanburg, SC, USA

Duration : November 2011 to April 2012

Organization: GAVS, Chennai

Description

Sporting Bet is an online betting site where user can create accounts, deposit money into their accounts and go for betting whenever any event is running in the site. The site also provides online games for the customers. They want to make sure all the games are working fine before they deliver them to the customer on a regular basis. We had requirement to automate the games which includes activities like, playing a game in fun mode and check for user account balance, playing a game in real mode and check for user account balance. I have automated these activities using Selenium Webdriver. The challenge was to capture the user balance in the game page before and after playing the game.

Roles & Responsibilities:

- Understanding the User's Requirements
- Involved in POC for automation
- Designing automation framework and Creating automation Scripts using Selenium Webdriver.
- Involved in preparing Test Scenarios and Test conditions
- Generating scripts for Test Scenarios and Test conditions
- Executing the Test scripts for periodic builds

→ **Worked as a Test Analyst for CSS CORP, Pune and Chennai from April 2008 to July 2010.**

Project #10

Title	:	British Telecom (BT-Harlequins)
Team Size	:	Eight
Tool Used	:	Selenium-RC
Duration	:	December 2009 to July 2010
SDLC	:	Agile Model

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Description

Project is developed for BT - Harlequins client for in Java. It is done in various sites like CMC, Self-care portal and Singularity. CMC is portal where in all the requests are raised, Singularity is used to provision for requests. Each Individual system will be communicating with each other through orchestration. Automating these modules is challenging and implementation of "Test frame" framework made it bit ease.

Roles & Responsibilities:

- Understanding the User's Requirements
- Designing automation framework and Creating automation Scripts using Selenium RC.
- Involved in preparing Test Scenarios and Test conditions
- Generating scripts for Test Scenarios and Test conditions
- Executing the Test scripts for periodic builds

Project #11

Title	:	BMC Remedy -ITSM
Team Size	:	9
Environment:	:	Windows, UNIX, SQL, C# Dot net Framework and Perl
Tool Used	:	Visual Studio-C#
SDLC	:	Agile Model
Duration	:	April 2008 to December 2010
Organization	:	CSS CORP, Pune

Description

BMC Software is an American enterprise software provider, focusing on IT infrastructure applications. ITSM unifies service desk, incident, problem, change, asset life cycle, and service level management applications with a single configuration management database (CMDB), data model, workflow platform, and user interface. The ITSM suite includes four leading applications: BMC Remedy Service Desk, BMC Remedy Asset Management Application, BMC Remedy Change Management Application, and BMC Service Level Management.

My Module: BMC Remedy Change Management

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The BMC Remedy Change Management application provides a system of planning, scheduling, implementing, and tracking changes that need to be completed within your organization.

Using Change Management in combination with these BMC Remedy applications enables you to assess the scope of the change, analyze the costs associated with the change (in terms of time and expense), perform impact and risk analysis, and schedule the resources needed to complete the change.

Roles & Responsibilities:

- Involved in Manual and automation testing
- Identify the requirement for automation
- Understand functionality of the application and analyze the impact of changes
- Design the regression Scenarios
- Prepare C# and Perl scripts for test cases and executing in Windows
- Running test cases in Test Environment and failure analysis