**Balaje Sundaram Prabakar**

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**CAREER SUMMARY**

* Over **8 years** of diverse experience in the Information Technology industry with a focus on Software Quality Assurance (QA/Software Testing) activities.
* Excellent understanding of **Software Test Life Cycle (STLC)** and test methodologies. Good understanding of **AGILE (Scrum)** software development methodologies.
* Experienced in developing end-to-end automation using **Selenium WebDriver/IDE/Grid, TestNG, ANT, Maven, Jenkins, Cucumber, WebServices (REST, SOAP)** and Exploratory Manual Testing **(Black Box/White Box Testing),** experienced in performing database testing and working with SQL queries and database like Oracle and MySQL.
* Expert in developing **Java Selenium/WebDriver** test scripts and test frameworks using **TestNG** to perform **Functional, Unit Testing** and specialized in user requirement analysis, documenting test plans, execution of test cases to verify application functionality with regards to business requirements.
* Experienced in using **Maven** build tools to manage framework dependency jar files.

## Well familiar 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.

* Intermediate experience in web services testing using **SOAP UI, Rest API, XML, JSON and WSDL.**
* Experienced in using **Quality Center, HP ALM, and JIRA** extensively for establishing traceability to requirements, test cases, bug tracking and reporting.
* Good management skills as a team lead and ability to work independently with minimal supervision.
* Knowledge of executing batch process in payment gateway system.
* Experience in implementing test code with Continuous integration tool.
* Experience in Mobile Page performance**and load testing.**
* Fluent in English with good analytical and communication skills.

# TECHNICAL SKILLS

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| **Operating Systems** | Windows, MAC, Linux |
| **Build and Integration tool** | Jenkins, Bamboo |
| **Version Control Tools** | Git, SVN |
| **Atlassian Tools** | JIRA, Confluence, Bitbucket, Bamboo |
| **Server Management Tools** | Putty |
| **Ticketing Tools** | JIRA, Service now, HP ALM, QC |
| **Scripting** | Bash shell scripting, SQL, Groovy, VB Script |
| **Basic Programming** | C++, Java, C#, .Net, Python |
| **Testing Tools** | Selenium, Perfecto, Appium, Eggplant, QTP, Soap UI,PostMan |

**PROFESSIONAL EXPERIENCE**

## Infotekdirect Inc. (Contract till May)

## Client: DealerTrack-CoxAutomotive, Toronto, ON. Feb 2020 –Till Now

## QA Automation Engineer

**Responsibilities:**

* + Analyzed business requirements documents to get better understanding of the system both on technical and business perspectives.
  + Created automation test scripts using Selenium WebDriver and Java; involved in resolving existing test script issues in Selenium WebDriver and developed re-usable function using C sharp for the Test Automation.
  + Created test reports generated out of Perfecto and captured the error screenshots with video.
  + Used BDD Cucumber by creating the features and step definition files to execute test scripts
  + Responsible for identifying test cases for manual and Automation with Selenium WebDriver for Smoke Test, Functional and Regression Tests.
  + Working with cloud-based code repository system like GitHub.
  + Working with rest Assure framework for java webservice testing.
  + Performed Accessibility testing for web applications using JAWS and performed mobile accessibility using text to speech in android and ios,
  + Used **Ready API and Postman tool** to test SOA based architecture application to test SOAP services and REST API.
  + Used Selenium with Python with robot framework for UI based automation.
  + Used Quality Center and JIRA for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.
  + Involved in testing the application utilizing the Scrum (Agile) methodology and Prepared test strategy and signoff documents for each release.
  + Participated QA weekly meetings and various other meetings and discussed enhancement and modification request issues and defects in the application.

Tools Used: Visual Studio, Selenium, GIT, C# ,Rest-Assured, Java

## OptionTrain College of Management and Technology - Toronto, ON Jan 2020 – Feb 2020

**Trainer/Instructor**

**Responsibilities:**

* + Teaching Software Testing course for Manual and Automation.
  + Mentoring trainees with familiarizing them to automation testing.
  + Teaching HP Quality Center, JIRA, Selenium and QTP/UFT.

## Polaris Consulting & Services INC

**Client: BMO, Toronto, ON. Jun 2018 – Aug 2019**

**QA Automation Engineer**

**Responsibilities:**

* + Analyzed business requirements documents to get better understanding of the system both on technical and business perspectives.
  + Created automation test scripts using Selenium WebDriver and Java; involved in resolving existing test script issues in Selenium WebDriver and developed re-usable function using TestNG and Appium with Quantum framework for the Test Automation.
  + Created test reports generated out of Perfecto and captured the error screenshots with video.
  + Used BDD Cucumber by creating the features and step definition files to execute test scripts
  + Responsible for identifying test cases for manual and Automation with Selenium WebDriver for Smoke Test, Functional and Regression Tests.
  + Performed Assessiblity testing for web applications using JAWS and performed mobile accessibility using text to speechin android and ios,
  + Used SOAP UI tool to test SOA based architecture application to test SOAP services and REST API.
  + Used Selenium with Python with robot framework for UI based automation.
  + Used Quality Center and JIRA for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.
  + Involved in testing the application utilizing the Scrum (Agile) methodology and Prepared test strategy and signoff documents for each release.
  + Participated QA weekly meetings and various other meetings and discussed enhancement and modification request issues and defects in the application.

Tools Used: Selenium, GIT, Java, Bit Bucket , Perfecto

## Virtusa software Pvt Ltd (India)

## Client: BMO, Toronto, ON. Jul 2016 – Jun 2018

## Automation Engineer

**Responsibilities:**

* + Contributed in developing Automation Framework that uses Java, Selenium Web Driver, TestNG, Eggplant, VbScript and TestNG.
  + Involved in resolving existing test script issues in Selenium WebDriver and developed re-usable function using

TestNG and Appium with Quantum framework for the Test Automation.

* + Used Cucumber automated testing to test new and existing functionality.
  + Working knowledge with cloud-based code repository system like GitHub.
  + Developed test scripts for web services using SOAP UI and worked with QTP with vbscripts.
  + Used tracking tool JIRA and maintained bugs using JIRA tool.
  + Involved in testing the application utilizing the AGILE (Scrum) methodology.
  + Worked with Capital markets for 1 year.
  + Handled a team of 5 members and coordinated as offshore coordinator
  + Prepared Test strategy and signoff on each release.

Tools Used: Selenium, GIT, Java, Bit Bucket , Perfecto, UFT, VB Script

## Aspire Systems Pvt Ltd (India) Jul 2015 – Jul 2016

## Automation Engineer

**Responsibilities:**

* + Contributed in developing Automation Framework that uses Java, Selenium Web Driver, Groovy Script,

TestNG and Responsible for preparation of Test cycle/progress reports, analysis of defect metrics & implement improvement actions for next iterations.

* + Used Cucumber automated testing to test new and existing functionality.
  + Working knowledge with cloud-based code repository system like GitHub.
  + Developed test scripts for web services using SOAP UI with Groovy scripting.
  + Used tracking tool JIRA and also triaged the issues and maintained bugs using HP ALM tool.
  + Attended project meetings, release meetings and QA status meetings.

Tools Used : Selenium, GIT, Java, SOAP UI / Ready API , Groovy

## Volante Software Pvt Ltd (India) Apr 2012 – Jul 2015

## QA Tester Automation

**Responsibilities:**

* + Contributed in documentation of test plans, test cases and logged test results.
  + Developed Automation Script using QTP and modified the Test Scripts accordingly when the applications were recorded.
  + Performed User Acceptance Testing (UAT), interacted with users for execution of test cases in UAT.
  + Created Test Cases Test Plans and Test labs using Quality Center.
  + Provided Estimates for testing and updated the project plan with the testing timelines.
  + Executing batch process in payment gateway system.
  + Coordinated the walkthrough and kickoff meetings with developers and project managers.

## Peepal Software Pvt Ltd (India) Sep 2011 – Dec 2011

**Trainee Developer**

**Responsibilities:**

* + Created mobile application using Java.
  + Developed the application as per business requirements.
  + Provided estimates for developing and updated the project plan with the testing timelines.
  + Wrote SQL queries and statements to test database for retrieving information.
  + Coordinated the walkthrough and kickoff meetings with developers and project managers.

# ACHIEVEMENTS

* + Evolved in tool development for PDF extractor using C sharp with asp. net in the project.
  + Created dependency in the project for my skills in Mobile Automation scripting.
  + Received client appreciation for developing support for mobile web using perfecto and executed on production night for business validation.

# EDUCATION

* + B.Sc. in Computer Science from Madras University, India – 2011
  + Certified in ISTQB– Foundation Level – June 2015
  + Oracle Certified Professional (OCP).
  + DevOps Training from GES Collage of Information Technology