**RESUME**

# Name : DEBABRATA SARKAR

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# CAREER OBJECTIVE

Software Quality Assurance and Testing with extensive Java programming, automation, manual

testing, selenium, Web services skills, and quality practices.

# TECHNICAL SUMMARY:

* Over 3.5 Years of professional Information Technology experience in TATA Consultancy Services as a **QA Automation Engineer \ Test Engineer** specializing in Enterprise-Wide and Web applications. Experience in different LOBs of General Insurance like Motor, Fire, Health, Personal Accident and have adequate knowledge in insurance modules like Underwriting, Claims, Accounts, Re-Insurance, MIS.
* Extensive experience and knowledge of different phases of **Software Development Life Cycle (SDLC), Defect life Cycle.**
* Experience in **Core Java Programming** using **OOPS concepts, Exceptions handling etc.**
* Experience in **Data Driven Framework (DDT) using Selenium Webdriver , Java** as a programming language.
* Experience in using unit testing frameworks like **Junit, TestNG,** good knowledge in configuring the test suites in **TestNG .xml file.**
* Expertise in developing Test Framework and maintaining the **object repositories,** experience in using java libraries like **Apache poi and jxl.**
* Experience in working with web debugging tools like **XPath, FirePath, and Firebug** and provided efficient locators for strategies like **Xpath and CSS** to run test scripts.
* Executing test cases, reporting bugs and reporting tester status, writing test scripts, responsible for all the activities related delivery & UAT and coordinating post-production support.
* Experienced on Service Oriented Architecture and tested **SOAP (WSDL)**Web Services by using tools like **SOAPUI** and validated the response **XML** file.
* Experience in using the Test management and Defect Tracking tools like **WEBPROMPT, BUGZILLA**.
* Extensively worked on creating Test Summary Reports, Requirements Traceability Matrix (**RTM**) and **Defect reports**.
* Capable of working independently or as part of a QA/Project team, as required by the project.

Able to effectively and cooperatively interface with all levels of management and staff.

* Possess problem-solving skills, ability to follow industry standards and procedures. Quickly master new concepts and applications. Strong communication and interpersonal skills.
* A highly motivated and energetic professional, dedicated to understanding and meeting clients’ needs and has successfully delivered after completion of testing.

# TECHNICAL SKILLS:

**QA Automation Tools:** Selenium WebDriver.

**Bug Tracking Tools:** Webprompt, Bugzilla.

**Languages:** Java,Python, **Databases:** Oracle 10g.

**Operating Systems:** Windows.

**Framework Environment:** Eclipse, JDK, TestNG, Data Driven, Soap UI.

**Browsers:** Mozilla Firefox, Google Chrome, Internet Explorer.

# PROFESSIONAL EXPERIENCE:

**Government Based Insurance :(2017 -Present)**

**System Engineer:**

It is a Government General Insurance project under Financial Services. Project location is

Chennai. Experienced in different Line Of Businesses of General Insurance like Motor, Fire,

Health, Personal Accident and have adequate knowledge in insurance modules like

Underwriting, Claims, Accounts, Re-Insurance, MIS.

# Responsibilities:

* Worked as an Automation Tester, responsible for development and maintenance of Automation Frameworks, tools.
* Designed and developed Test Scenario, Test Cases and steps for various Business Services covering both positive and negative testing requirements.
* Developed automation test scripts using **Selenium Web Driver and Java**.
* Performed parameterization of the automated test scripts in **Selenium WebDriver** to check how the application performs against multiple sets of data.
* Extended data driven framework and developed re-usable functions across the application.
* Used Maven to build and run the Selenium WebDriver automation framework. After successful executions scripts, framework used to send the automation reports over email.
* Analyzing Business Requirements, created testing strategies, testing plans and prepared detailed test cases for the User Acceptance Testing (UAT).
* Performed defect reporting and bug tracking using **WEBPROMPT** and also followed up with development team to verify bug fixes, and update bug status.
* Responsible for collecting and analyzing the test metrics and then submitting the reports, which kept track of the status and progress of the testing effort.
* Performed in Web Services Testing in SOAP UI Tool.

**Environment**: Java, Selenium, Eclipse, TestNG, Windows.

**UK Based Insurance :(2016-2017)**

**QA Automation Developer**

It is a Life Insurance project under Financial Services. Project location is

United Kingdom. Experienced in different areas in Insurance like Annuity, Retirement.

# Responsibilities:

* Extensively worked on test cases involving validation of data at all levels including field level validators and UI validation.
* Used **XPath** and DOM to work with dynamic and static objects in Selenium.
* Expertise in grouping of test suites, test cases and test methods for regression and functional testing using TestNG Annotations like Groups, Parameter, Data Provider and Tags.
* Used TestNG Parameter, TestNG.xml and Data Provider for parameterization.
* Utilized **Apache POI** jar file to read test data from the excel spread sheets and load them into required test cases.
* Created synchronization points by adding **Explicit** and **implicit** waits in the application to deal with timing problems.
* Involved in Web services testing using **SOAPUI**.
* Performed data driven testing by getting the data from excel sheet and automated multiple endpoints with various data sets and generated the reports.
* Mapped all the Requirements with the test cases using Requirement traceability matrix (**RTM**).
* Performed **Black Box Testing**, UAT Testing and extensively used Selenium for Regression, Smoke, Functional Testing and data driven testing using excel file in Selenium.
* Performed the application compatibility in the Versions of Chrome, Mozilla Firefox and Internet Explorer browsers using Selenium.
* Defects were tracked, reviewed, analyzed and compared using **Bugzilla**.
* Actively involved in detection of issues with test cases, design, execution and plans.
* Participated QA weekly meetings and various other meetings and discusses enhancement and modification request issues and defects in the application.

**Environment:** Java, Selenium WebDriver, Apache Poi, TestNG, XML, XPATH, SoapUI, Eclipse.

# ACADEMIC QUALIFICATIONS:

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| --- | --- | --- | --- | --- | --- | --- |
| **Degree /Certificate** | Degree | Discipline | Institute | Board /University | **Year of Passing** | **Aggregate % / CGPA** |
| Post Graduation | M.Tech | Computer Science and Engineering | Institute Of Engineering &Management(IEM) | WBUT | 2016 | **8.49(DGPA)** |
| Graduation | B.Tech | Computer Science and Engineering | Guru Nanak Institute Of Technology | WBUT | 2014 | **8.01(DGPA )** |
| 12th | Higher Secondary | Science | Hindu School | WBCHSE | 2010 | **75.6%** |
| 10th | Secondary | General | Hindu School | WBBSE | 2008 | **85.2%** |

# CERTIFICATIONS AND AWARDS:

* Certified by **Intel** for **“AI From the Data Center to the Edge An Optimized Path Using Intel® Architecture”.**
* Certified in JAVA by COMPUTER INN (Registered By **West Bengal Govt.Establishment Act-Ministry Of Labour**) in 2019.
* **“Agile Testing Alliance Org”-CP-SAT**-Certified Professional Selenium Automation Tester in 2019.
* Certified by **Microsoft** for **Microsoft India Appfest 2013**.

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