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| **Resume of SanthoshKumar** |  |
| Bachelor of Engineering |  |
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**OBJECTIVE**

To pursue a challenging career in the field of Software Testing there by establishing my dynamic

Professionalism which will impact the company’s development and also enrich my professional

Skills.

**PROFILE SUMMARY**

* A competent professional with 4.5 Years of experience in Software Testing.

**Software Testing Test Case Automation Testing**

**Test Data Bug Reporting**

* Currently associated with **HTC Global Services.**
* Abilities to execute various software quality assurance activities for enhancing effectiveness of the application
* Experience in Defining Developing the testable requirements from technical specification, identifying interdependencies and maintaining test scripts using Mercury Quality Center/ JIRA.
* Ability to interact with cross-functional teams. Worked closely with **Business Analysts, System Analysts, Developers** to track down the requirements Involved in Regression testing, System testing & Compatibility testing.
* I own test estimates, status reports, accountability deck, capacity planning and **Manual/Automation test scenarios/cases/scripts**.
* Abilities to execute various software quality assurance activities for enhancing effectiveness of the application
* Conversant with developing test plans using requirement & functional documents
* Familiar with all the stages of Software Development Life Cycle (SDLC) and Software Test Life Cycle (STLC), Bug life cycle with good exposure towards testing techniques and methodologies and sound awareness of all the stages of Defect Tracking Life Cycle (DTLC)
* Good Knowledge and Experience in **Selenium WebDriver**
* Good Knowledge in Preparation of test scripts and Test Cases.
* Involved in Regression testing, System testing & Compatibility testing.
* Well conversant with reporting bugs and tracking them to closure.
* Involved in the development of Test Cases and executing the test cases.
* Experience in GUI and Functional Testing.
* Experience in working with selenium WebDriver using TestNG
* Performed continuous integration using **Jenkins** & **Maven**.
* **Sikuli** Integration with Selenium Webdriver
* **Headless Testing** in Selenium using **HTMLUnit Driver**
* Having experience working with **GIT HUB.**
* Experience on developing a framework using **TestNG & JBehave.**
* Experience in debugging and modification of existing scripts.

**Computer Skills & Field of Interest**

Languages : Java,

Database : ORACLE SQL

Field Of Interest : Software Testing,

Automation Tools : Selenium WebDriver.

Other Tool : HP ALM, JIRA, WinSCP, SoapUI, PuTTY

**PATENT**

* Patent pending from **Intellectual Property India** for the **invention**, System and Method for Floating Power Station with Emergency Rescue Passenger Space for Life Saving as Part of the Ship. **Patent App No: 472/CHE/2013**

**PROJECT EXPERIENCE**

**Title :** Automation Testing of web application

**Client** : Bank of America & Merrill Edge

**Domain :** Financial Securities

**Role :** Automation Tester

**Technical Skill :**  TestNG, JBehave, Jenkins, Maven,

**Overview** : **Merrill Edge** (**Investing & Banking Connected**). Merrill Edge is an online [discount brokerage](https://en.wikipedia.org/wiki/Discount_brokerage) service provided by [Bank of America Merrill Lynch](https://en.wikipedia.org/wiki/Bank_of_America_Merrill_Lynch). Launched on June 21, 2010, Merrill Edge is a part of [Bank of America](https://en.wikipedia.org/wiki/Bank_of_America)'s [retail banking](https://en.wikipedia.org/wiki/Retail_banking) division. Merrill Edge was created to merge Bank of America Online Investing ([Quick & Reilly](https://en.wikipedia.org/w/index.php?title=Quick_%26_Reilly&action=edit&redlink=1)) and Merrill Lynch's research, investment tools, and [call center](https://en.wikipedia.org/wiki/Call_center) counsel.

**Role and Responsibilities:**

* Started in Agile Process- Part of Automation testing in Scrum Team.
* Attending KT Sessions from Onshore to understand the application functionality
* Involved in Identifying the E2E scenario & Creating the User Defined methods for the entire Project.
* Executed test cases in parallel on Cross-browsers and Cross-platforms for Web Applications.
* Experience in identifying object locators and creating PageFactory for all the pages.
* Experience in Developing Scripts with **Page Object Model (POM**) with Page Factory.
* Develop functional automation testing system for web based testing using Selenium WebDriver **Keyword Driven Framework**, which help testing team to automate test execution without knowledge of programming language.
* Writing framework in integration of **Cucumber** with selenium in **BDD** approach.
* Exposure on Database connection - **Database Testing** using ORACLE SQL
* Integrated **Apache POI** to get data from external resources.
* Configured continuous integration tool (**c**) to trigger batch execution and generate Report.
* Reviewing the test reports using **TestNG**.
* Deployed **Serenity BDD & Log4J** to generate reports.
* Responsible for sending, weekly status reports with project stakeholders.

**Title** : Manual Testing of web application

**Client** : Bank of America

**Domain :** Financial Securities

**Team size :** 4

**Role :** System Tester

**Overview** : Bank of America is an American multinational banking and financial services corporation headquartered in Charlotte, North Carolina. It is the second largest bank holding company in the United States by assets.[5] As of 2013, Bank of America is the twenty-first largest company in the United States by total revenue. In 2010, Forbes listed Bank of America as the third biggest company in the world.

**Role and Responsibilities:**

* Preparation of Functional Test Cases on Functional Specification.
* Execution of Test Cases to test an application with Function and Regression Test.
* Co-coordinating/discussing with developers for Analysis and Prioritizations of Bugs.
* Defect tracking and Test Result documentation

**Internship**

**Title** : Research Article - Monthly Publication

**Client** : IJITCE, United Kingdom

**Domain :** Journal

**Team size :** 4

**Tenure :** May’10 – Aug’10

**Role :** Team Member (Testing)

**Overview** : International Journal of Innovative Technology & Creative Engineering (ijitce.co.uk) is UK based international journal. It receives Research Articles, Case studies, Critical reviews globally based on experiments in any disciplines of Engineering and Technology. All the Articles will be judged by the technical board and reviewers. Accepted Articles will be published online and indexed Google Scholar. New Reviewers will be added month on month to the Review Board. Every month new issues will be published in the website. Paper status will be update on weekly basis.

**Role and Responsibilities:**

* Preparation of Functional Test Cases on Functional Specification.
* Creating and maintaining test data based on the requirements of the module developed.
* Execution of Test Cases to test an application with Function and Regression Test.
* Co-coordinating/discussing with developers for Analysis and Prioritizations of Bugs.
* Defect tracking and Test Result documentation.

**RESEARCH PROJECT**

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| **Design Of Floating Power Station With Emergency Rescue Passenger Space As Part Of the Ship. (Apr’11 – Dec’12)**  Dr. Arthanari.M, Dean   |  |  | | --- | --- | | * The project relates to ship retrofitted with airborne wind turbine on the bow and some other embodiment it is positioned over stern deck. It is a lighter system that rotates about a horizontal axis in response to sea breeze and wind produced during sailing is used to generating electrical energy. This turbine could be anchored by tether that can extend more than 1000 feet over stern deck. * Whenever, the ship is at risks this Helium filled turbine can raise the emergency rescue passenger space and save the passengers. Until the ocean rescue team comes and save their life they can survive in the passenger space itself.   **Key Accomplishment**: The fuel consumption reduced and the energy efficiency of the ship improved. The proposed modeling approaches will also reduce the environmental impact of commercial ship and saving passengers life.  **Referees**  Available on request. | JANUARY 2013 | |  |