

SAMEER KHAN

Software Developer (Acquainted 3 Year of Experience)
& Certified in Advanced Computing from CDAC ACTS,Pune
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PROFESSIONAL EXPERIENCE

■ Dassault Systemes, Pune

March 2018- Current

Role:-RnD Full Stack Developer

- **SLM- Service Lifecycle Management (A Continuous Delivery Service)**
SLM is a service which is part of Continuous Delivery Cloud Environment at Dassault Systemes's In house DevOps Environment. I am being part of developing several of its Frontend Versions using Vanilla.js and React.js. I Created various Client Side Validation using Javascript technology to make the backend server less busy. Also Enhanced existing UI using lazy fetching and minification of js code at loading time.
- **SLM Consistency Checker**
It is a java based service created within our team in order to check consistency between SLM and SCM(Repository). This service helps SLM to provide results of dangling branches, commit ids etc. of various services which is maintained by SLM.
- **SLM backend and OpenAPI**
It is basically server side of SLM written using Java, Spring, JPA & Hibernate, RESTful Service. Created several business logic using Rest API and enhanced previously made Rest API to get the requirements done at the front end of SLM UI. With my team we Introduced GraphQL in SLM backend to make the API call lightweight and user friendly.
- **SLM TestCases and ODTs**
Being a FullStack Developer I am also responsible to create Testcases and Clientside User Interface ODTs which regularly checks frontend for any bugs and regression. Each and Every Function is associated with the Test task which is accomplished by these ODTs.
- **JSON Comparator**
It is a web based tool which can take two JSON response (Reference JSON, Actual JSON) compares them and gives the difference between those two JSON and show if there is any change or error in respective Responses. It helps Continuous Delivery Service developers to check and scale their responses regularly. It gives simplified HTML report as well.
- **InterOperability (Running multi types scripts in a single testsuite)**
Designed a mechanism in which scripts made by Developer of different technologies example JavaScript, Selenium, TestNg, Sikuli, Junit etc who can run his/her scripts in a single instance of browser. With this a QA can test it's different test scenarios using those script in a single ODT(Object de Test).
- **LeadFoot API Validation**
Developed a standalone Tool that validates LeadFoot API on various versions of intern, selenium , browser , WebDriver in order to help QA to know which configuration to use if they have fixed no. of API to use to make their automation run.
- **ScenarioCreationAndReplayTool**
Enhanced the tool GUI. Introduced Some Fields to put more number of inputs which is to be used to create and replay scenario. Also Developed error pop-ups for wrong inputs given to the GUI and also created Selenium scripts to update the QA scenario. This tool leverage manual QA person to do their manual data input automatically.
- **LinuxBased JSWAP Platform**
Enhanced JSWAP Selenium Wrapper to work in a Linux based environment. It was achieved by headless chrome browser so that it can run the script in Headlessmode which in turn increases the efficiency to 300%.
- **Error Code Manager (ECM Pattern)**
Developed Software Pattern using the Singleton pattern to give the error traces in any standalone or Web based application. The error Traces gives filename, location, line number if in any case the program is halted, shutdown, or breaks.

SKILLS

- **Languages:** - Java, Javascript, MySQL, Javafx
- **Java Based Frameworks:-** REST, Spring, Spring MVC, SpringBoot, Hibernate, ASM(Byte Code Manipulation)
- **Javascript Frameworks:-React JS , Vanilla JS**
- **Web Components:** - HTML, CSS
- **Platforms:** - Windows,Linux
- **Testing scripts and Frameworks:-** Selenium, TestNG,JUnit ,Intern

CERTIFICATES

Centre For Development of Advanced Computing(CDAC ACTS, Pune)-70%

Feb 2018

EDUCATION

- **Bachelor of Technology (B. Tech) -72.06%**

2012-2016

Dr. APJ Abdul Kalam Technical University (AKTU)

- **Senior Secondary Education, CBSE - 80.40%**

2010-2011

Translam Academy International

- **Higher Secondary Education, CBSE - 68%**

2009-2011

Translam Academy International

ACHIEVEMENTS

- Got nominated for the 2018 innovative project of the year for Developing JSON Comparator for Micro Services Developer in order to verify and compare their responses.
- Got appreciation award Project Ideas for Future for a POC (Function Impact Analysis) on Machine Learning Algo Naive Baye's to predict affected function if a new function of a project comes into picture. The Dataset collected from previous function is fed to the algorithm Naive Baye's which gives the Probability of affected functions due to the newly created function

PERSONAL DOSSIER

DOB: 1October1993

Marital Status: Single

Hobbies: Reading, Running, Sketching

Hometown: Meerut(Uttar Pradesh)

Languages Known: Hindi, English