

**DHANYA S R**  
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Looking forward; to working with an organization, which provides the environment for growth with competent and strong leaders in Manual and Automation Testing. I have an urge and inclination for learning new technologies, a strong work ethic combined with a commitment to excellence in all projects undertaken.

### **Executive Summary**

- Around **2+ years** of experience in Software Testing.
- Extensive experience in Manual and Automation Testing.
- Around 6 months of experience in Automation Testing using Selenium(**Currently completing a certification course in "Certified Specialist in Software Testing" from ICT Academy**).
- Strong experience in the entire Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) and specialized in Validation.
- Experience in **Automation Testing Tools** like *Protractor* ,*Selenium IDE*, *Selenium Web Driver* ,*Security Testing with (OWASP)* ,*Performance testing with JMeter*.
- Proficient experience in *Test Case Design*, *Test Execution*, *Bug tracking and Reporting*.
- Thoroughly involved in different types of testing like *Smoke*,*Functional Testing*, *System Testing*,*Integration Testing*, *Re Testing*, *Regression Testing*, and *Browser Compatibility Testing*.
- Responsibility involved in Peer Reviews (Manual Test scripts).
- Possess problem-solving skills, ability to follow industry standards and procedures. Ability to quickly master new concepts, applications and a team player.
- Strong communication and interpersonal skills. Ability to interact with customers with ease and professionalism.

### **Carrier Scan**

- Working as **Software Test Engineer** from March 2019 at **KITE** (Kerala Infrastructure & Technology for Education) Trivandrum,Poojapura.

### **Academic Details**

- PG(MCA) - 2017 - Lourdes Matha College of Science and Technology – Affiliated to Kerala University - Secured an aggregate of 74%.

- UG (BSc Computer Science) – 2014 - National College of Arts and Science – Affiliated to Kerala University - Secured an aggregate of 64.70%
- HSE – 2011 – GHSS,Karamana (Board of HSE) – Secured an aggregate of 73.33%.

### **Skill Set**

- Manual testing : Test case design, Test Execution, Bug Tracking and Reporting.
- Functional Tool : Protractor, Selenium IDE, Selenium Webdriver. JMeter, OWASP.
- Framework : TestNG.
- Operating Systems : MS Windows, Ubuntu.
- Language : core Java.
- Basic Knowledge : BlazeMeter, Bench Mark, Katalon, Jenkins.

### **Project Description**

*Project Title : SAMANWAYA*

*Team Size : 6*

*Role : Test Engineer.*

*Tools : Selenium IDE, Selenium Web driver, Protractor*

*Testing : Manual and Automation*

*Client : DGE Office (Education Department of Kerala)*

*Environment : PHP , MySQL , Codeigniter.*

*Description:* The project entitled "Samanwaya" is mainly focused on the Staff Fixation and Appointment Approval. Whereas, the Manager creates the Appointment Approval and the school HM creates and submits the Staff Fixation file to the corresponding AEO/DEO office. In the case of the Staff Fixation file the AEO/DEO office is taking the action as approve/reject by granting/reducing the post/division. In such a situation the corresponding authority (Manager/School HM - Rejection) can go for an Appeal to the corresponding DDE Office. Later on, the appeal filed at DDE Office is evaluated by the users and comes into an agreement that the lower office decision was right and they are also going ahead with the action as Rejection. Then the corresponding authority(Manager/School) can go for a Revision Appeal to the DGE Office. The Revision Appeal filed at DGE Office are verified by the users. If the Joint Director takes the action as Rejection, then these kinds of files are considered at the Secretariat to achieve the priorities.

### **Responsibilities:**

- Analysing & validating the completeness of requirements.
- Generating the Test scenarios and Test cases.
- Generating Regression Test scripts by extracting the requirements that need to be tested from available documentation and/or liaising with the relevant people.
- Developed Automation Test Scripts.

- Reporting Bugs and Retesting defect fixes on each release build.
- Performed Smoke, Functional, System, Integration, Retesting, Regression, Sanity testing
- Performed Security Testing with (OWASP) and Performance testing with JMeter
- Experience in Designing and implementation of TestNG framework with Webdriver.

*Project Title : Districts Resource Management System - (DRCMS )*

*Team Size : 5*

*Role : Test Engineer.*

*Tools : Selenium IDE, Selenium Web driver, Protractor , JMeter, OWASP.*

*Testing : Manual and Automation*

*Client : KITE – Academic and Accounts*

*Environment : Angular 4, REST API and Codeigniter ,MySQL*

**Description:** DRCMS is an accounting software which provides complete management of all the 14 districts and their DRCs. It keeps complete track of all the fund flow from state to districts, income, expense, transfer and settlement of DRCs. It mainly consists of 4 modules such as Admin, Accounts Manager (State User), Districts Coordinates (DC – 14 Districts), Office Assistant (OA – 14 Districts), Regional Coordinator(RC). Hereby describing the functionality of each modules; the Admin module is used to create all the users, setting the users privileges, menu and dashboard settings etc. The module Account Manager is handling all the fund flow from state to districts, income, expense, transfer and settlement of DRCs. The Districts Coordinates(DC – 14 Districts) is handling the entry of all the income, expense, transfer and settlement of DRCs from 14 districts. The module Office Assistant (OA – 14 Districts) functionality is to handle the temporary entries entry of all the income, expense, transfer and settlement and these temporary entries are pending at Districts Coordinates(DC – 14 Districts) for action(Approve/Reject). The module Regional Coordinator(RC) is just for view all reports related to DRC(District Resource Centre).

### ***Responsibilities:***

- Analysing & validating the completeness of requirements.
- Generating the Test scenarios and Test cases.
- Generating Regression Test scripts by extracting the requirements that need to be tested from available documentation and/or liaising with the relevant people.
- Developed Automation and Manual Test Scripts.
- Reporting bugs and Retesting defect fixes on each release build.
- Performed Smoke, Sanity, Functional, System, Integration, Retesting, Regression testing
- Performed Security Testing with (OWASP) and Performance testing with JMeter..
- Experience in Designing and implementation of TestNG framework with Webdriver.
- Participated in weekly status meetings with the team, developers to discuss open issues and communicating with the onsite team.

*Project Title : School Kalolsavam*

*Team Size : 5*

*Role : Test Engineer.*

*Tools : Selenium IDE, JMeter, OWASP.*

*Testing : Manual*

*Client : DGE Office (Education Department of Kerala)*

*Environment : Codeigniter ,MySQL.*

*Description:* School Kalolsavam entry software mainly focuses on the data entry part. Data entry part includes school details entry and then participants details entry. It also covers school wise reports. School Kalolsavam sub district software covers the entire Kalolsavam at Sub district level from entry to report generation, stage allotments to certificate generation. This is an offline software available in AEO login of School Entry Software, which is downloaded and installed in a local machine. School Kalolsavam district is an offline software available in DD login of School Entry Software, which is downloaded and installed in local machines. It covers the entire Kalolsavam at the district level. Winners from different sub districts for a particular event compete in district level competition. It covers all the three core areas - pre-fest, festival time and after fest. School Kalolsavam state processing software is used to process entire data received from district level at the state level. Winners from different revenue districts for a particular event compete in state level competition. This is the final software for processing at state level. It covers all the three core areas - pre-fest, festival time and after fest. Lower and higher appeal are both handled by the software. School Kalolsavam Website is an official website for publishing overall Kalolsavam status. This is used to publish results, stage management and download proceedings.

***Responsibilities:***

- Analyzing & validating the completeness of requirements.
- Generating the Test scenarios and Test cases.
- Generating Regression Testscripts by extracting the requirements that need to be tested from available documentation and/or liaising with the relevant people.
- Retesting defect fixes on each release build.
- Performed Smoke, Sanity, Functional, System, Integration, Retesting, Regression Testing.
- Performed Security Testing with (OWASP) and Performance testing with JMeter.
- Participated in weekly status meetings with the team, developers to discuss open issues and communicating with the onsite team.

*Project Title : e - Language Lab*  
*Team Size : 7*  
*Role : Test Engineer*  
*Tools : Selenium IDE, JMeter, OWASP*  
*Testing : Manual*  
*Client : DGE Office (Education Department of Kerala)*  
*Environment : Angular, Flask ,MySQL.*

*Description:* e - Language Lab will have language lab software that will provide opportunities for students to enhance their listening, speaking, reading, writing, pronunciation, grammar and vocabulary. Few of the learning modules built into the language lab are e-Learning Crossword, Word puzzle, Quiz, My words modules. The purpose of Crossword & Word puzzle modules is to create online crosswords and word puzzles related to a selected topic and difficulty level. This module has three components. The project aims to enhance and enrich English learning of students in an enjoyable atmosphere effectively making use of technology in schools in Kerala.

***Responsibilities:***

- Generating the Test scenarios and Test cases.
- Generating Regression Test scripts by extracting the requirements that need to be tested from available documentation and/or liaising with the relevant people.
- Reporting Bugs and Retesting defect fixes on each release build.
- Performed Smoke, Sanity, Functional, System, Integration, Regression, Retesting testing.
- Performed Security Testing with (OWASP) and Performance testing with JMeter.

***Declaration***

I do hereby declare that all the details furnished above are true to the best of my knowledge.

***Dhanya S R***