

## Azarudheen A

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### CAREER OBJECTIVE

To excel in a dynamic professional environment where dedication, intellect, and commitment are valued and nurtured.

### PROFESSIONAL SYNOPSIS

- Having **4.11+ years** of experience in Software Testing.
- Good experience in Manual and Automation Testing.
- Good experience in core-Java/core-Python using different framework such as **Data driven, Page Objects Model, and BDD**.
- Currently we developing BDD scripts with **Cucumber** and writing step definitions for behavior.
- Proficient in creating Automation project setup from scratch by achieving Page Object Model in both **Java & Python** using different frame works like **TestNG,Cucumber,Robot-framework,Pytest**.
- Good knowledge on Object Oriented Programming (OOP) concept using Java and python for test case automation.
- Working experience in Domain such as **E-Commerce, Travel & Transport, Medical support, Device oriented Application(Routers), Vehicle Tracking**.
- Good knowledgeable in working with **Agile methodology** using **scrum**.
- Maintained the JAVA Selenium / Python Selenium automation scripts in version control tool **GIT**.
- Proficient in using the build Management tool **Maven** to manage Java/Selenium automation projects.
- Proficient experience in **Test Case Design, Test Execution, Bug tracking and Reporting**.
- Good knowledge on **Testing Mobile Automation**(Android Applications) on **Appium using Java with TestNG**.
- Hands on experience in Regression, Functional, Positive and negative testing,API-Security testing.

- Good Knowledge in Testing **Restful HTTP Methods** GET, POST, PUT and DELETE and **Security Testing of API Automation** with **Java** using **Rest Assured** and **Python** using **Request Module**. Also API Manual Testing using **POSTMAN**.
- Having Knowledge on handling **Linux Environment** using **shell-script** comments.
- **Having Knowledge on Jenkins & Docker for Continues Integration/Continues Deployment.**
- Proficient in overall Defect Management/Problem solving including tracking bugs and reporting using **Atlassian Jira**.
- Having fair Knowledge in SQL queries.
- Having Knowledge in building the fundamental blocks of the web using **HTML/CSS**.
- Ability to adapt to new environment quickly, strong team player, good communication, good analytical and computation skills, enthusiastic learner, confident, sincere and committed.

#### **ACADEMIC QUALIFICATION :**

Bachelor's of Mechanical engineering from Pollachi institute of engineering and Technology.

#### **TECHNICAL SKILLS:**

Manual testing	Test case design, Test Execution, Bug Tracking and Reporting
IDE	Eclipse, Visual Studio Code, PYCharm
Web App- Functional Tool	Selenium Web Driver - Java, Selenium/2Library - Python
Mobile Automation Tool	Appium - Java
API Testing Tool	Rest Assured – Java, Request Module-Python, Postman
Framework	Cucumber, POM, TestNG, Robot-framework, Pytest
Build Management Tool	Maven
Language	Core Java , Core Python
Agile Project Management Tool	JIRA
Source Code Management	GIT
CI/CD	Fair knowledge Jenkins/Docker
Additional Fair Knowledge Tools	Cypress(mocha framework)-JavaScript, C#-Selenium/Appium(Nunit Framework)

Environment	Linux(Ubuntu 20.0),Windows
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## **EXPERIENCE :**

### **Current:**

**Duration:** Nov 2022 - Till date

Working as a **Senior Software Test Engineer** in **VVDN Technologies Pvt. Ltd** Pollachi  
TamilNadu-642002

### **Previous:**

**Duration:** Nov 2018 - Nov 2022

Worked as **Software Test Lead Engineer** in **HCL Technologies Pvt. Ltd** Madurai  
TamilNadu

## **PROFESSIONAL EXPERIENCE:**

**Project :crazysales**

**Automation Tool : Selenium Web Driver - Java - Cucumber**

**Description:** crazysales one of the biggest online department stores in Australia and are 100% Australian owned and operated. Can save between 30-80% off retail prices and offering a vast range of products ranging from household goods to musical instruments to pet supplies and sporting goods.

### **Role and Responsibilities:**

- Gathered requirement documents such as business requirements and design document and other related documents.
- Generating Test Scenarios, Test case documentation and test data collection.
- Review the Test scenarios, identifying test cases for manual and Automation with **Selenium Web Driver**.
- Design and Develop automation scripts in Selenium Web Driver using **Cucumber framework**.
- Project was automated with **Page Object Model** using Selenium Web Driver.
- Regression Script execution and analyze the results.
- Analyzing test report and defect reporting.
- Used **Git** as code repository to manage code reviews.
- Identifying the defects and reporting it through Bug Tracking Tool and following the Defect Life Cycle.
- Preparation of weekly and monthly status reports.

**Project : AirCalin**

**Automation Tool : Selenium Web Driver -Java -TestNG then migrated to Cucumber**

**Description:** AirCalin International, is a French airline and it is the international airline of New Caledonia. It also operates domestic services in Wallis and Futuna. Including Wallis and Futuna, it operates scheduled services to twelve destinations in Oceania and Asia, including Japan. Its main base is La Tontouta International Airport It is headquartered in Noumea.

**Role and Responsibilities:**

- Analyzing the user stories, prepare the test scenario based on acceptance criteria.
- Review the Test scenarios, identifying test cases for manual and Automation with Selenium Web-driver.
- Involved in writing automation script by using Selenium Web-driver with **TestNG** as entryptpoint then with respect to customer need continued on **Cucumber**.
- Developing **BDD** tests using **Cucumber** by writing **feature file** and **Step definition**.
- Implemented **Page Object Model automation** frameworks using **Selenium**.
- Involved in testing the application utilizing the **Scrum (Agile) methodology**.
- Regression Script execution and analyze the results.
- Raise and track defect until closure.
- Debug and fix the script issues.
- Participated in the all **Agile methodology ceremonies - planning daily scrum calls, spring review and sprint retrospective**.

**Project : NETGEAR-INSIGHT**

**Automation Tool : Selenium Web driver-Java – web-app , Appium - Mobile Application**

**Description:** Netgear -Insight Project is an easy to use solution for delivering centralized remote management of networks across multiple locations. This Process can be managed and monitored through both web applications and mobile applications once the device gets configured.

**Roles and Responsibilities:**

- Contributed in Requirement analysis, Test Case creation and Execution, Defect tracking and Test Closure
- Automated **Android application** with **Java – Appium using TestNG** for all the major workflows.
- Automated **Web-application** with **Java- Selenium-TestNG**
- API Automation Using **Rest Assured – Java** for API Smoke Test used **PostMan**
- Worked on newly released Feature in every server like Pri-QA, Maint-beta and Live server.

- Executed sanity, regression, functional testing, E2E testing in both mobile and web applications
- Tested in Multiple Parallel releases, including web applications and Mobile Applications.
- Regression Script execution and analyze the results.
- Analyzing test report and defect reporting.
- Used **Git** as code repository to manage code reviews.

**Project : Inseego clarity**

**Automation Tool : Selenium Library - Python**

**Description:** Inseego vehicle fleet management SaaS solution that will revolutionize the monitoring of vehicles.

**Role and Responsibilities:**

- Understanding the Product/Applications using Software Requirement Specification (SRS)
- Identification of Test Scenarios, preparing and execution of test scripts for automation.
- **Web Automation** using **Python - Pytest** and **API testing** using **Request Module** .
- Project was automated with a Page Object Model using **Selenium and Selenium2 library**.
- Logged bugs/defects on **JIRA** for Bug Tracking & Reporting as well as agile project management.
- Generates Logs and Reports as per the Test Execution and evaluates, and analyzes the reports
- Tracking the vehicles, this process is tested by simulators.
- Used **Git** as code repository to manage code reviews.
- Entire Coding Done on Client **Virtual Environment** also worked on **Docker Image creation and container mode Deployment**.
- Also Integrated with **Jenkins**.

**Project : ICON**

**Automation Tool : Selenium Library - Python- Robot Framework**

**Description:** ICON is an IoT platform for data collection, processing, visualization, and device management. It supports cloud and on-premises deployments, and it combines scalability, fault-tolerance and performance to nullify the chances of getting individual IoT data lost.

**Role and Responsibilities:**

- Understanding the Product/Applications using Software Requirement Specification (SRS)
- Identification of Test Scenarios, preparing and executing test scripts for automation.

- **Individually worked on creating Python Automation project structure setup from Scratch to achieve Singleton Design Pattern by POJO Rule.**
- **Web Automation using Python-Robot Framework** Logged bugs/defects on JIRA for Bug Tracking & Reporting as well as agile project management.
- Generates Logs and Reports as per the Test Execution and evaluates, and analyzes the reports.
- Used **Git** as code repository to manage code reviews.

**Project : Cleared C4 (POC)**

**Automation Tool :Rest Assured-Java**

**Proof of Concept Project : Automation of API Post Method Using Rest assured For Executing N numbers of JPEG files .**

**Description:** CLEARED C4 is a Cloud-Based Global Health Monitoring Platform. It is a Based Global Health Monitoring Platform. Global infrastructure includes servers on **multiple continents, millions of users, multilingual user interface, in-country, and managed services partners. Securely Stores Health Data** Through a Fully Automated Health survey.

**Summary :**Led a proof of concept project to evaluate the feasibility of automating the API post method for a client. The goal was to streamline the Multiple POST Methods For bulk of files and reduce the risk of errors and Time .

**Process:**

- Initially the project was processed in manual Testing , Where Antigen card was executed daily, more than **600 + snippets (JPG) in the post method on postman .**
- In this case **I individually gathered Requirements from the project and sought the possibility of Reducing the execution time to increase Productivity** with the help of automation skills .

**Metrics:**

- In **manual testing** the **Actual time taken** for executing **10 files was 9 Mins** and effort was high but as per **My automation Script** Using Rest Assured it was reduced to **1 minute or less than it .**
- **Eliminated errors due to manual data entry up to 80%. Received positive feedback from the client regarding the efficiency and accuracy of the automated solution.**

**Visuals:**

- Included screenshots and flowcharts in project documentation to illustrate the automation process and make it easier for stakeholders to understand.

**Skills:**

- **Demonstrated my ability to Learn ,Explore and Implement technologies problem-solving skills and attention to detail to overcome technical challenges during the project.**

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

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