

SKILLS

- Selenium WebDriver
- C# / .Net
- Python
- NUnit
- Coded UI (CUIT)
- UIA
- Powershell
- MS Test
- SQL Database, MySQL
- API Testing, Postman
- Python Unittest
- pytest
- Jira
- Microsoft Azure CI/CD
- GIT, TFVC
- Visual Studio, PyCharm
- Office 365

TRAINING & CERTIFICATONS

- The Complete Agile Scrum Fundamentals Course + Certification, Udemy
- Selenium WebDriver With Python 3.x – Novice To Ninja, Udemy
- C# Basics for Beginners: Learn C# Fundamentals by Coding, Udemy
- C# Intermediate: Classes, Interfaces and OOP, Udemy
- Selenium WebDriver with C# for Beginners + Live Testing Site, Udemy
- CAESAR II product training certification, Piping Design Online
- PV Elite product training certification, Piping Design Online

AWARDS & HONORS

- Awarded biannual “Pat On the Back” (POB) award for learning Hexagon product quickly and developing the quality Testscripts in a very quick manner
- Awarded biannual “Pat On Back” (POB) award for the efforts put in while automating CAESAR II and PV Elite workflows and driving the workflow document creation

PROFILE • ABOUT ME

- Sound knowledge and wide experience in Desktop and Web application automation testing for more than 4.5 years
- Proficient in Test automation using Selenium Web driver and NUnit testing framework
- Well versed with different testing approaches like BDD, Keyword-driven, and data-driven testing
- Steep knowledge of test case management tools, software testing methodologies, programming, automated functional regression code and API testing
- Skilled in C#, Python, SQL queries, SpecFlow, Unit testing framework
- Experienced with Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC)
- Familiarity with Microsoft Azure, DevOps terminologies, defect tracking software like Jira and version control repositories like TFVC, GIT
- Good experience in API testing using Postman testing tool
- Offering the scrum master role in 8 members team and advocating the scrum framework of Agile methodology

WORK EXPERIENCE

Senior Software Developer (SDET)

August 2018 - Current

Hexagon

Hyderabad

Project – Automation Testing on HexConnect (Employee Management Web Application)

- Designing, developing and executing automation scripts using Selenium with C#
- Creating detailed, well-structured automation test strategy and test cases on thorough understanding of business and technical requirements
- Analysing test results and investigating the failures to ensure proper functionality of automation systems
- Implemented NUnit Testing framework and extent report package for test execution reporting
- Learning the BDD framework using SpecFlow
- Conducting Data driven testing, cross browser testing and parallel test execution
- Managing TFVC, GIT version control systems to ensure automation scripts are properly version controlled
- Conceptualized API Testing using Postman testing tool
- Driving the sprint reviews and ensuring the team environment is conducive for the team members so that team can achieve the sprint goals
- Mentoring 3 juniors and new team members

Software Analyst

March 2018 - July 2018

Hexagon

Hyderabad

Project – DevOps Process Implementation for CAESAR II

- Understanding fundamentals of Microsoft Azure
- Hands-on experience on Microsoft Azure CI/CD pipelines
- Collaborated with development teams to understand the flow of the solution building to create the CI/CD pipelines
- Eliminated manual build creation process by implementing CI/CD pipeline for CAESAR II
- Implemented coverity static analysis which finds the defect and vulnerabilities for open source coding project
- Achieved auto download and silent installation of the daily build with powershell script

PUBLICATIONS

- Thermal Radiation Effects on an Unsteady MHD Nanofluid Flow Over a Stretching Sheet with Non-Uniform Heat Source/Sink
Publisher - Journal of Nanofluids (Oct-2017)
- MHD Flow and Heat Transfer of an Eyring- Powell fluid over a Linear Stretching Sheet with Viscous dissipation: A Numerical Study
Publisher - Frontiers in Heat and Mass Transfer (FHMT) (Sep-2017)

PERSONAL SKILLS

- Very good understanding of engineering processes and tools
- Experience on mechanical design areas
- Cross-functional knowledge
- Analytical skill
- Stake holder management
- Sound Communication skill

LANGUAGES

- Hindi
- English
- Gujarati

Software Analyst

June 2016 - Feb 2018

Hexagon

Hyderabad

Project – Automation Testing on CAESAR II and PV Elite

Applications

- Launched high quality products into the market before the schedule release by completing all the release testing quickly
- Performed manual and exploratory testing, identified the critical issues and received the appreciation from the stakeholders
- Automated ATPs/test scripts using Microsoft Coded UI and UI Automation technologies on MS Test framework
- Increased code coverage by automating the detailed and end-to-end workflows
- Achieved complete automation of customer training workflows
- Implemented data-driven testing framework for numerical regression analysis for around 700 CAESAR II and PV Elite models
- Collaborated with development and support team to identify the critical functionalities
- Reduced release testing time by 1 week with automating the critical and complex workflows
- Created test execution reports, defect metrics and communicated with development team
- Analysed the daily execution failures, debugged the automation scripts and fixed the issues popped from testing framework

EDUCATION

Bachelor of Technology

July 2012 – May 2016

Vellore Institute of Technology (VIT)

Vellore

Mechanical Engineering

CGPA - 9.66

Higher Secondary School Certificate (HSC)

June 2011 - May 2012

Gujarat Higher Secondary Education Board

Gandhinagar

Science Stream

Score – 88.46 %

Secondary School Certificate (SSC)

July 2009 - June 2010

Gujarat Secondary Education Board

Gandhinagar

General

Score – 94.71 %