

Amarjeet Yelwande

Senior Automation, AWS Cloud, DevOps Engineer

👤 Profile

I am motivated Agile Automation Testing Engineer with over 15 years experience in Manual and Automated UI, Web and API testing. I love configuring my projects tested, packaged and deployed on variety of DevOps platforms such as Gitlab / TFS / Jenkins or Teamcity.

I believe in simplicity. This triggered me to write API Automation framework using only three classes with each class of less than 50 lines. This is possibly simplest and easy to understand framework which I am proud to be author of.

I am natural problem solver and like taking challenges which require lot of visualization and critical thinking.

I like to get involved when others give up solving an issue. I think there is always solution to every technical problem you just need to keep cool, discuss the problem with others and maybe do a brainstorming session! You may not get ready made solution but you will always get some hint how to solve the problem.

I am big believer in exploratory testing which helped me to find critical bugs many times just before release.

My personal opinion is "Its easy to write Automated tests but very difficult to keep them up to date".

In Agile world, success of any software project does not depend on how many talented people, state of the tools you have. It all depends on word "COMMUNICATION". I am big believer of constant and productive communication between all stakeholders of the team for success of a project.

📁 Employment History

Senior Automation, AWS Cloud, DevOps Engineer at Qualitest ([qualitestgroup.com](https://www.qualitestgroup.com)),

September 2018 — Present

My expertise is in:

Automation Testing:

- Create Restful / SOAP API frameworks using SpecFlow in C#.
- Create UI Test Automation Framework using White Framework
- Create Browser Automation Frameworks using Selenium from scratch using SpecFlow (C#, Java)
- AWS Configuration for Web Service Hosting on EC2 Instance
- Create Robot Framework for Browser Automation from scratch (Python)
- Test Android based mobile applications using Appium and android studio
- Application Packaging using InstallShield
- Manual Acceptance, Regression, Exploratory Testing

Details

Flat No. 105, Alpha House, Broad Street, Northampton, NN12HS, United Kingdom, 07492588384 [Please call before 9AM on any weekday]

yelwande@gmail.com [Preferred initial contact for speedy response]

Skills

Create Automation Frameworks for Restful API, Selenium from scratch in C#

Create Automation Frameworks for Desktop Applications using White UI Framework from scratch in C#

API Test Automation (SOAP and Restful)

UI Test Automation (White UI Framework)

Agile development using Scrum using Microsoft ALM in TFS

CI/CD Using Gitlab / Jenkins / Teamcity / TFS

PowerShell Scripting

VBA Programming

Test Driven Development - TDD

Integration of Test Rail in C# projects

Exploratory Testing

Behavior Driven Development

Docker Containers for CI/CD

Jira Project Management

Git (All variants)

- Project Management using Jira and Confluence

DevOps:

- CI CD for Desktop Applications using MS Team Foundation Server.
- CI/CD for Restful API / Selenium projects using TFS / TeamCity / SauceLabs / Gitlab
- CI/CD for WebService using Jenkins where web service is hosted on Amazon Cloud

Management:

- Conduct technical interviews of prospective Automation Test Engineers for QualiTest
- Manage career of testers working under me by conducting one to one interviews, address their concerns, guide them to upgrade their skills through various training programs including Udemy certifications

Project Work:

Currently working on an exciting project for a very large car insurance company based in North of the England. Development team consists of around 200 agile developers working on this application spread across three sites in UK.

@ Micro services:

This company is going through rapid IT Transformation and decided to rewrite legacy applications into Micro Services

- I am leading test team of this project for C# micro services.
- Recently I have created an API Automation Framework from scratch in C# .Net Core 2.0. This is possibly smallest API Automation framework consisting only 3 classes.
- This framework has been formally announced as benchmark framework for future C# test projects
- I have created full end to end CI/CD for this framework using Gitlab. This framework is uploaded to central repository after every change in form of Nuget package
- All testers across all squads not only limited to microservices get this framework from repository and start building test projects.
- I am playing key role in determining test strategy for Microservices project being built

@ Restful API Testing :

As automation expert I have finished my work on following project :

- Fix issues with existing API Test framework written in C# using SpecFlow.
- Refactored the existing solution to simplify its structure and make it more maintainable.
- Run tests on nightly basis on TeamCity for continuous integration.
- Mentor testers in team on chalking out test strategy and how to write maintainable code.

@ SOAP API / Selenium Web UI Automation :

SQL Programming

Manual Testing

SauceLabs CI for Selenium projects

Nuget package management with Semantic Versioning in C#

Microservices Test Strategy

Load Testing using JMeter

Non Functional testing in C#

Python Programming

Typescript / JavaScript programming

PowerShell Scripting

Java Programming

TypeScript / Java Script

Cypress

Application Packaging using InstallShield

YAML Scripting for CI/CD Jobs

Test Rail Integration in Automation Frameworks

Confluence

AWS Cloud Configuration for Web Service Hosting

C# Programming

CI / CD using Jenkins / Gitlab

Groovy Scripting for CI/CD jobs

C# Programming

Mentoring Junior Testers

Apache Kafka

Creating brand new Test Automation Framework for a web application. The framework uses Specflow and is written in C#. This framework is required to automate following :

- Generate new quote for car.
- Purchase Policy.
- Trigger events for passing quote / policy through correct workflow.
- Verify all emails / text messages / documents for fields such as premium, expiry date, customer details for each scenario
- Run the test project Teamcity / Saucelab CI

@ Quote Engine Web Service Migration to AWS Cloud:

Currently involved in migration of existing quote engine service which is critical service of the insurance application to AWS Cloud platform. This is very large service with multiple SQL servers for storing quote data, I am involved in configuration of service on AWS platform, Test the service through automation scripts and configure continuous integration / deployment using Jenkins.

Agile Software Engineer in Test at FloMASTER, Mentor Graphics - A Siemens Business , Towcester - Northampton

March 2013 — July 2018

Agile Scrum:

- Follow Agile Scrum practices for Software Product Development
- Closely work with Product Owner and RDI for refinement activities

Manual Testing:

- Write, Execute and Maintain Manual Test plans.

Automated Testing:

- Write UI Tests using TestComplete
- Using SpecFlow to define, manage and automatically execute acceptance tests in .NET
- Follow TDD and BDD standard practices for writing tests.
- Write Gherkin scenarios for UI Automation Tests
- Automate sections of the Desktop UI Application using Specflow + White Framework in C#
- Write API Tests in C# using MS Test testing framework
- Automate web application testing using selenium in C#
- C# and SQL Programming - Fix bugs and support developers in new feature developments
- Design and maintain projects in version control system of Visual Studio Team System
- Bug generation and tracking in Visual Studio Team System
- Create test strategy to communicate with other applications via COM
- Regression Testing using in house developed tools

Dev Ops :

- Configure Automated tests on Build Server for continuous integration
- Write Powershell Scripts to Automate Tasks for continuous integration

Links

[LinkedIn Profile :](#)

<https://www.linkedin.com/in/amarjeet-yelwa>

[My Hobby Projects and](#)

[Automation Frameworks created by me :](#)

- Configure Automatic Building of Installation package for continuous delivery

Installation Packaging:

- Develop and Test Installation package / patch packages using installshield

System Administrator and Test Engineer at Flowmaster India Pvt Ltd, Pune - India

April 2004 — March 2013

- Setup and maintain IT Development Infrastructure for 30 users.
- As a sole Test Engineer write Test Plans and execute them.
- Write UI Automation Tests using Test Complete
- Carry out Exploratory, Regression testing.
- Design and Test Installation Package using Installshield.

Electronics Engineer at Century Enka Limited, Pune - India

September 1994 — April 2004

- Install and maintain Industrial Electronic Automation systems which Include AC/DC Drives, PLC's , PID Controllers.
- Worked in IT Dept As Desktop and Network Administrator

Education

Bachelor Of Engineering - Electronics and Telecommunication, Pune University, Pune - India

July 1995 — July 2000

Certifications

Microsoft Certified System Engineer

Cisco Certified Network Associate

Currently Preparing for AWS Certified Cloud Practitioner Exam.

Employment Authorisation in UK

Indefinite Leave To Remain for UK (ILR). Do not need Visa Sponsorship

NPPV3 Security Cleared

August 2019 — August 2026