



# ADITYA SINGH

+91-7709008588



Sr. Software QA Engineer at Microsoft

pratapsunips18@gmail.com



Pune, India



## SUMMARY

Proven professional with 9+ years of creating/managing test case suite of 1000+ Test Cases with **Python pytest**. Expert in daily release of 10+ microservices, adept at CI/CD pipelines (Azure DevOps, Harness, Gitlab). Customer support excellence for Mix Dialog(Conversation Design tools). Accomplished leader of Software QA Engineers, consistently delivering high-quality microservices. **Passionate about AI advancements and looking roles in Sr. SDET/Test Lead/Sr. QA Engineer and open to learn anything.**

## EDUCATION

**GLA University, Mathura, India**B. Tech(Computer Science Engineering)  
2010– 2014

## SKILLS

- Experience in **Python, pytest for APIs automation.**
- Experience in cloud native technology like docker and kubernetes
- Extensive experience in **CI/CD tools like Azure DevOps, Harness, gitlab, jenkins and github**
- Experience in developing basic application using Azure OpenAI APIs.
- Experience in creating Dashboard using PowerBI.
- Experience in managing incident using tools like **PagerDuty**.
- Experience in automating UI app using **selenium** and playwright.
- Experience in running Load tests using Jmeter and Locust
- Have Experience in using **Github Copilot**

## CERTIFICATIONS

- **Microsoft Azure Fundamental**
- **Microsoft Hack Advisor 2023**

## PROFESSIONAL EXPERIENCE

### Sr. Software QA Engineer(Conversational AI - Copilot Studio)

Microsoft | Aug-2023 - Present ( Nuance Acquired by Microsoft)

- Accomplished professional specializing in test automation framework management using **Python, pytest, selenium and Playwright and Azure DevOps.**
- Proven track record of contributing to Java and Spring Boot development projects.
- Expertise in deploying services through Harness CI/CD tools.
- Experience in Integrating existing services with **Azure App Configuration** service to manage feature flags.
- Developed a POC for AITutor using **Azure OpenAI APIs**, Prompt Engineering and Java Spring Boot as a part of Microsoft Hackathon.

### Principal Software QA Engineer(Mix Team)

Nuance Communication. | Jan-2023 - Jul-2023

- Accomplished professional specializing in test automation framework management using **Python, pytest, and qTest.**
- Proven track record of contributing to Java and Spring Boot development projects.
- Experience in supporting Mix customers and resolving their issues.
- Expertise in deploying services through Harness CI/CD tools.
- Led a high-performing team dedicated to upholding the highest quality standards for the **Conversational AI Platform 'Mix'.**

### Sr. Software QA Engineer(Mix Team)

Nuance Communication | Mar-2020 - Dec-2023

- **Designed a automation framework using python, pytest, selenium which is used across 9-10 teams.**
- Designed a Dashboard to monitor services on production env using Kusto question and Azure Analytics
- **Maintenance of 1000+ Test cases and run them of gitlab Pipeline during each release.**
- Organized Testing bootcamp of testing processes and tools for a Team of 50+ Engineers so that they can contribute.
- Created CD pipelines for 9 Services to deploy quickly into production env using Harness(CD tool)



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## PROGRAMING LANGUAGES AND TOOLS

- Python
- Java
- Selenium
- Docker
- Kubernetes
- Azure Function App
- Azure OpenAI
- Pycharm, VSCode, IntelliJ
- PowerBI
- Gitlab
- Jenkins
- Azure DevOps
- Github

### Software QA Engineer

Nuance Communication | Apr-2017 - Mar-2020

- Maintenance of 2000+ test cases written in **python, pytest and selenium for Conversation Design tool(UI bases Application)**
- Created a set of 100+ Test Cases suite for new written APIs in python and pytest in 1 week for smooth release to production env.
- Expertise in creating pipeline using jenkins and running test in parallel for each release.
- Trained and onboarded a team of 5 people in new product and technology used in the product.

### System Engineer

TCS | Dec-2014 - Mar-2017

- Proficient in test case planning, design, and execution, with a focus on continuous integration using Jenkins.
- Experienced in manual testing using web rest clients and GUI-based applications. Skilled in handling standalone and domain mode installations for testing purposes.
- Involved in performance testing using JMeter and automation of test cases using Selenium with Java.
- Responsible for managing 1000 tests written in python.

## DECLARATION

I certify that the information provided in this resume is accurate and true to the best of my knowledge

-Aditya Singh