Vishal **Sangave**

SDET · AUTOMATION · DEVOPS · SRE

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"Be the change that you want to see in the world."

Summary

- A Decade of hands-on experience in DevOps and successfully implementing numerous software automation and performance testing solutions, using both vendor-based and open source technologies.
- Expertise of Agile Testing, **Web UI** and **Web Services** Automation with **10+ years exp**.
- Training and Guiding team members with Product understanding and Motivating for new Learnings.
- Selenium used with **PHP, Java, C#.net, Python, Javascript, TypeScript** and developed frame work for each. **CICD** pipelines setup.
- Expertise **CD** using tools like **K8S, Docker, Harness, Helm, Rancher**
- Created Framework **SeUnit,NuanceDriver** Using Selenium Web driver and Java (BDD).
- Hands on experience in testing micro frontends using **Cypress**. Intregrated with **Coverage, ReportPortal, Applitools, qTest**
- Using **Gauge** framework and tweaking to work with **CLIFramework** using jSch as per the need of the framework.
- Worked on AI Based Application (NLP, Speech Recognition and TTS), corporate banking, email marketing and analytics application.
- **OWASP, Veracode, S360** Testing, **Threat Modelling, Privacy reviewing** for Copilot Studio.
- Highly organized, versatile and results-oriented team player with an energetic and articulate approach to testing. **Quick learner**, good communication skills, interpersonal skills, **leadership skills**.
- Have strong **problem solving** capabilities and **analytical** skills.
- **Leading** as QA to a new **project** at Nuance, automation done with **Cypress,Taiko,Protractor** in TypeScript/Javascript. Execution with Selenium **Dockers**.

Work Experience

Microsoft *Pune, India*

SENIOR SOFTWARE ENGINEER *Aug. 2023 - PRESENT*

- **Copilot Studio** product feature work.
- Used **AzureDevOps** for project management and CICD pipelines.
- Developed version tracking tool using Blazor UI.
- Handling **product level Quality ownership** following SDP.
- RAI Testing for Copilot Studio features.

Nuance Communications, Inc.. *Pune, India*

PRINCIPAL SDET *Nov. 2015 - Aug. 2023*

- **Principal QA** for a Project - defining the QA strategy and approach. Involved in Planning and Design meetings with PM's.
- Used **Cypress** for testing micro-frontends in Mix Project.
- Developed Quality Dashboards for tracking data from different tools/Services using Flask and Python.
- Handling **product level Quality ownership**, striving to new limits with process imporvements.
- Training team mates and POC on different tools that can be used to improve our Quality
- Created a framework template that can be used for further angular project automation using **Protractor**, Gulp, Cucumber and TypeScript.
- **Evaluation** of Test Case Management **Tools** for the company level use that suites testing needs appropriately for different kinds of projects.
- **Ownership** of feature in release, following whole STLC for owned feature.
- **OWASP** Top 10 Security Testing on ODI Web Application.
- Created a new framework for Reporting product using Selenium, **Gauge** and Java.
- Added multiple features in the framework as per the project structure. **CLI** driver for ETL automation.
- Installation and configuration of product on Unix Systems. Writing scripts to automate the installation and configuration steps.

Persistent Systems Ltd.
AUTOMATION ENGINEER (MODULE LEAD)

Pune, India
Dec. 2012 - Nov. 2015

- Automation of test cases using existing frameworks.
- **Migrated** 1.5K selenium 1.0 test cases to Selenium 2.0 **framework** worked alone
- Writing **Test Plan** and **Test Cases**. Executing test cases manually.
- Creating reusable user defined libraries.
- Reporting bugs at all stages of testing.
- Regression testing and shell scripting.
- **Managing** tasks of subordinates and reporting the plans for week.
- **Training** new joiners and planning their induction sessions from other team members.
- Maintaining frameworks of **Selenium** and **Axis2**

ZenTEST Labs
AUTOMATION TEST ENGINEER (CONSULTANT)

Pune, India
Apr. 2011 - Dec. 2012

- Implementing automation Framework. PHP, Java and C# Framework implemented with **EC2 integration** for execution with **CI**.
- Creating and enhancing test scripts to increase maintainability, readability, reliability and portability.
- Creating reusable user defined libraries. Error handling and exception handling
- Debugging and reviewing scripts of Team members.
- Designing requirement based test cases.
- Writing and Executing manual test cases
- Reporting bugs at all stages of testing.
- Identifying functional issues with the application.

SQS-India
TESTER

Pune, India
Jun. 2010 - Apr. 2011

- Functionality testing and finding different kinds of defects in the project.
- Uploading the defect into client's Database (DevTrack).
- Performed Smoke, Localization, and Ad-hoc Testing

Education

Pune University
MASTER OF ENGINEERING IN COMPUTER SCIENCE AND ENGINEERING

Pune, India
2015

- Presented paper on "Automating Test Automation" at PgCON
- Completed Master with First Class (7.4 CGPA)

Pune University
BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AND ENGINEERING

Pune, India
2010

- Completed Bachelor with Higher Second Class (55.26%)

Maharashtra Board
HSC IN SCIENCE

Pune, India
2005

- Completed with First Class (61.67%)

Maharashtra Board
SSC

Pune, India
2003

- Completed with First Class (66.80%)

Technical Skills

- **Operating System**: Windows, Mac and CentOS

- **Languages**: C#.NET, **Core Java**, PHP, CPP, HTML, **JavaScript**, JQuery ASP.NET, **Python**, XML, VB Script, Shell script, Ant, Gradle

- **Automation Tools**: Selenium (Java, Python), Sahi, **REST** Assured, Taiko, **Cypress**, Protractor, Quick Test Professional, JMeter

- **Bug Tracking Tools**: AzureDevOps, JIRA, Rally, DevTrack, Bugzilla

- **Database**: MYSQL, Postgres, Derby, SQL Server.

CERTIFICATIONS

- **Microsoft - AI-102** Microsoft Certified: Azure AI Engineer Associate

- **Microsoft - AI-900**: Microsoft Certified: Azure AI Fundamentals

- **Microsoft - AI-900**: Microsoft Certified: Azure Fundamentals

- **Microsoft - SC-900**: Microsoft Certified: Security, Compliance, and Identity Fundamentals

- **Microsoft Certified**: Develop an ASP.NET Core web app that consumes an API