Sagar Joshi

87930 25545 ✉ sagar.josh123@gmail.com

👤 Profile

As a seasoned IT professional, my goal is to drive optimal team performance and advance organisational success. Leveraging my extensive background in the IT sector, complemented by my skills in Software Engineering, Test Management & DevOps.

📑 Summary

- Dynamic IT professional with a demonstrated history of working in the Information technology and Services industry. Skilled in **QA Engineering , Devops Methodology**, **ReleaseManagement**.

- Forward-focused IT professional with 5+ years of experience in **Techno functional role** of leading a team size 10+ Dev & QA professionals

- Good exposure as a **Scrum Master** in managing the Semi-monthly deliverables for delivery of critical **migration** projects

- Experience of 3+ Years in implementing **DevOps** practices using tools Jenkins, Git & Ansible. Implemented Release Automation using bash scripting and incorporated into CI/CD pipeline.

- Strong fundamentals and sound knowledge of Backend/Database level testing, **Infrastructure migration & setup**, **Data Warehouse (ETL)** testing and modernisation projects

- Extensive experience in definingEnd-To-End **Test Plans, Automation Strategy, Functional & non-functional test strategy.**

- Experience in Designing Automation Frameworks. Well versed with designing scripts in functional testing using **python-bash**,**Seleniumwebdriver** and non-functional testing using **JMeter**.

- Strong background in automating release processes, including build, packaging, and deployment tasks; Designed and managed the **ReleaseAutomation** framework using **Bashscripting** and JIRA **APIs**.

- Coordination and review of vulnerability for Client facing apps using **VeraCode** ; also review and remediation for all Server side apps through **Blackduck** scanning

- **Governance expert,** responsible for Generation and Review for Monthly **metrics** and suggest area of improvements to increase the **Productivity**, **Code Coverage** and **Release** Compliance.

Core Competencies

QA Engineering
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Project Management
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Functional Automation
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DevOps Methodology
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Innovation and Modernization
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Governance & Quality
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RCA & Troubleshooting
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Release Management
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Technical Skills

Technologies : Selenium, Python, Bash scripting, Java, Spring Boot, JMeter, Webservices [Rest/SOAP]

Methodologies : Agile,DevOps,Waterfall

Automation Frameworks: Python & Bash based ETL Automation, Selenium Webdriver-Java framework, Bash based Release Automation, Rest Assured Framework

Database : Sybase, Maria, Mongo

DevOps : Jenkins, Ansible, Git

Tools : ETl, TeamView, py-spark, Postman,OpenText HPExstream

Platform : Linux, Windows

Build & CI : ant, Maven, Jenkins

Tracking Tools : Jira, ServiceNow

Test Case Mgmt : TestRail

Cloud : MS-Azure, AWS

Knowledgebase : Cucumber, Docker, Kubernetes,WireMock

Work Experience

04/2017 – present
Pune, India

Tech Lead [Sr.Lead Engineer]
FIS

- Leading a team of 10+ professionals in the complex **migration project, Modernisation and Innovation ideas** across Web and Server side technologies
- Managed the performance and career development of team members, providing coaching, feedback, and training to improve their skills and abilities
- Developed and implemented **functional automation** and **code coverage** techniques, resulting in a 30% reduction in project completion time and a 20% increase in customer satisfaction
- Oversaw the development and delivery of training programs for **DevOps** tools, resulting in a 20% increase in employee productivity
- Managed the development of high and low-level project plans and led overall delivery efforts across **Agile/DevOps** methodologies
- Worked as a Project Manager for managing end-to-end delivery of **Modernisation** project from legacy VB6/perl to **Spring-Boot,Angular and python** platform
- Pivotal role in migration of version control system from **SVN** to **Git**.

- Managing Selenium-webdriver based **automation framework** for Web based applications
- Performed POC for Infra-automation using **Ansible** and proposed solution for implementing it during **OSmigration** projects.
- Strong experience on **Linux** environment, devised End-To-End environment migration Strategy for **KVM** to **VMware** migration project by leveraging various automation suites.
- Gathered and reported monthly metrics for **automation**, **productivity**, and **project delivery**; suggested ways to improve metrics after assessment
- Collaborated with **cross-functional** teams to identify and mitigate potential project risks, resulting in an 60% reduction in project-related issues and a greater **CSAT**.
- Coordination and review for Semi-monthly **VeraCode** scanning for all Client facing applications.

04/2014 – 03/2017
Pune, India

Automation Lead
FIS

- Develop and implement comprehensive project plans approved by Technical & Business Teams
- Implemented **TDD** methodology to drive significant improvements in Software Quality & Delivery
- Design and implemented **ETL** automation framework using **Python** and **Bash** scripting. Prepared reconciliation report for comparison with Maria-db.
- Strong experience in Automation framework maintenance, Optimisation, Automation Strategising, Automation Planning and Automation Test Execution.
- Implemented end-to-end testing strategies for web applications, utilising **SeleniumWebDriver** for test automation.
- Lead effort of designing **functionalautomation** suite for verifying the tax forms generated through **OpenText HPExstream** in form of PDFs using bash-scripting.
- Prepared development and automation test plan to implement the **RESTful** services and automate the functional testing using **Postman**
- Managing the **Disaster Recovery** testing across products in short time through extensive use of automated regression suites
- Pivotal role in implementation and execution of **non-functional** tests, specifically using **JMeter** to identify bottlenecks and areas of improvement
- Managed **L2**/**L3** support for troubleshooting and solving technical problems with build/release and post-production deployment

04/2011 – 03/2014
Pune, India

Module Lead
FIS

- Demonstrated team management and mentorship skills through successfully guiding and developing junior team members
- Successfully integrated release automation with SVN version control, enabling seamless integration of code changes into the release process. By leveraging SVN hooks and branch-based workflows
- Proficient in functional automation using Selenium Webdriver for web-based RTS applications

Work Experience

- Experienced in build/release and production deployment automation using bash scripting
- Skilled in post-production support and troubleshooting to ensure optimal system performance
- Participation in technical design and implementation level discussions
- Consistently ensured defect reporting and review, resulting in high quality deliverables.

01/2007 – 03/2011
Pune, India

QA Engineer
FIS

- Test case designing, test execution, test case management
- Conducted extensive regression testing on complex software systems, enabling the achievement of 99% product reliability and customer satisfaction.
- Release automation using bash scripting
- Defect reporting, demonstrating delivered features to Business.
- Release participation and coordination

11/2004 – 01/2007
Pune, India

QA Engineer
Tech Mahindra (Verisoft Infoservices Pvt.Ltd.)

Professional QA Engineer with experience working on two major products for British Telecom at Tech Mahindra. Proficient in Planning and Assignment; Configuration System (PACS) and Network Capacity Assignment System (NCAS) for managing the life-cycle of SDH equipment, providing customer service orders, and supporting ADSL services.

Key responsibilities include:
- Administering projects and generating reports through QACenter Portal
- Reporting project status to customer (BT)
- Executing scripts through QADirector and analyzing result logs
- Conducting demos of script execution and report generation for clients

Education

2001 – 2003
Nanded

Computer Science | MCM
Swami Ramanand Teerth Marathwada University

Achievements

- Earned the Evangelist award for exceptional DevOps training twice in 2020 and 2021, achieving a score of 3.75 out of 4
- Delivered comprehensive DevOps training sessions resulting in significantly increased productivity among trainees

⚑ Achievements

- Recognised with the Above & Beyond award in both 2021 and 2022 for achieving technical and delivery excellence