



# SHIV TRIPATHI

EXPERIENCE : 5+ YEARS

DESIGNATION : SOFTWARE TEST AUTOMATION ENGINEER

## CONTACT



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PORTFOLIO:

<https://www.codeminee.in/>

## SKILLS

- JAVA
- PYTHON
- FRAMEWORK – TESTNG, CUCUMBER, ROBOT FRAMEWORK, JUNIT5
- WEB – SELENIUM, KATALON
- API – REST ASSURED, KATALON, ROBOT FRAMEWORK
- MOBILE – APPIUM , BROWSERSTACK
- AWS SERVICES – LAMBDA, SQS, SNS, SES, EC2, S3 BUCKET, CLOUDWATCH, RDS-DB, DYNAMO DB
- LOAD TESTING - GATLING
- DB – MS SQL 2014, ORACLE DB, RDS DB, DYNAMO DB
- DEVOPS – GITLAB CI, JENKINS, TERRAFORM, DOCKER, KUBERNETES(K8s)

## AWARDS

- AWS CERTIFIED CLOUD PRACTITIONER
- WON 2ND PRICE FOR THE EVENT TESTAUTOTHON 2019 IN HYDERABAD.
- CERTIFIED SAFE 5 PRACTITIONER.
- WON “PAT ON BACK” PRIZE FOR EXTRA ORDINARY PERFORMANCE IN TEAM.

A highly skilled IT professional with **5+ years** of experience testing software solutions on **Web, Mobile, API, and Cloud platforms**. Adept at utilizing a range of programming languages and tools to design, develop, and implement high-quality software products. Proficient in Agile/Scrum methodologies and experienced in working collaboratively with cross-functional teams. Seeking a challenging role in a dynamic organization where my skills and experience can be utilized for the growth of the company.

## PROFESIONAL SUMMARY

- **Testing Expertise** : Proficient in Functional Testing, Regression Testing, Smoke Testing, Black Box Testing, and White Box Testing.
- **Test Automation** : Developed custom Automated test cases for **Web, API, Mobile and Cloud Based (i.e AWS) applications** utilizing various technologies including **Selenium, RestAssured, Appium, Katalon, Robot Framework, AWS SDK, TestNg, Cucumber, and Junit5**.
- **Test Framework** : *Developed Automation Framework for Web – Selenium Framework, Api – RestAssured Framework and Cloud – AWS Test Automation Framework.*
- **Performance Testing** : Performed **Load Testing** of Webservice’s /API Using **Gatling**.
- **Microservice Testing** : Performed **Microservice Testing** for applications hosted on **AWS Services**, employing AWS SDK libraries with **Java 8, Junit5, and Python**.
- **AWS Expertise** : Worked extensively with AWS Services such as **AWS Lambda, SES, SNS, SQS, CloudWatch, EC2, S3 Bucket, RDS-DB/Dynamo DB and more**.
- **Version Control** : Proficient in Source Code Management tools such as **Git, Gitlab, and Bitbucket**.
- **Continuous Integration** : Involved in Continuous Integration (CI) integration with projects using **Jenkins and Gitlab CI**.
- **Project Management** : Utilized Issue and Project Tracking Software, including **Jira and TestRail**.

## EDUCATION

### BACHELOR OF ENGINEERING

### COMPUTER SCIENCE AND ENGINEERING

2014-2018

SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT, NAGPUR - MAHARASHTRA

CGPA : 7.94

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## TOOLS

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- **IDE** – ECLIPSE, INTELLIJ IDEA, KATALON, PYCHARM
  - **BUILD TOOL** – MAVEN
  - **BUG TRACKING** – JIRA, TESTRAIL, POLARION
  - **DEVOPS TOOL** – GITLAB CI, JENKINS, TERRAFORM, DOCKER
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## WORK EXPERIENCE

### Software Test Automation Engineer

Aug 2021

#### Epam Systems

- Present

#### Project: LSEG Account (Financial domain)

- Played a pivotal role in **Two projects** within LSEG's Financial domain, operating in an **Agile** environment
- Responsible for Designing and Developing **Automation Framework( AWS Test Automation Framework)** to run in different Environment for **API and AWS - Middleware Services**.
- Designed and Developed framework using Robot Framework- **Python** and **Java 8 - Junit5**.
- Successfully collaborated with various AWS Services, including **AWS Lambda, SES, SNS, SQS, CloudWatch, EC2, S3 Bucket, RDS-DB, DynamoDB and more**, as part of project requirements.
- Implemented a **Logging feature** within the Test Framework, ensuring **Parallel Test execution** with logs that remain separate and uncluttered.
- Added **Reporting feature** in Test Framework for better Debugging of Tests on Success/Failure.
- Designed and executed **Cloud feature testing Locally** using **Docker, Localstack, and Terraform**, resulting in significant cost reduction for cloud-based test runs (i.e., AWS)
- Devised a **Docker-Based mock** of the production Trino Database to facilitate automation test data setup, subsequently integrated it with **AWS ECS (Elastic Container Service)**.

### Software Test Automation Engineer

Sep 2018

#### Epam Systems

-July 2021

#### Project ERT Global Account (Health care domain)

- Played a vital role within the **ERT Global Account** in the healthcare domain, operating in a **SAFe 5 Agile environment**.
  - Held responsibility for conceiving and crafting an **Automation Framework (Selenium Framework, RestAssured Framework)** capable of running seamlessly across diverse environments, encompassing **UI, API, and Mobile testing**.
  - Worked in **DD** (Data Driven) and **BDD** (Behavioral Driven Development) framework in **Selenium-Java and Katalon**.
  - Performed **Web Testing** using **Selenium-Java and Katalon**.
  - Performed **API Testing** for RESTful web Services using **RestAssured , POSTMAN** and **Katalon**.
  - Performed **Mobile Testing** for the **Hybrid App** on the Android device and supported browsers using **Appium** on Local and **CloudPlatform: BrowserStack**.
  - **Created framework**, enabling the execution of feature files in **Cucumber without the Example section**, instead extracting data from JSON files. This innovation greatly facilitated test execution in diverse environments.
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