# GAURAV SINGH

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Sr Automation Engineer

## SUMMARY

With 8 years of industry experience in software testing, I possess a deep understanding of both manual and automated testing methodologies, including test planning, design, execution, and defect reporting and tracking.

- Expertise in comprehensively analyzing and understanding test requirements, managing changes, and maintaining test documentation.
- Extensive experience in automation testing, utilizing **Selenium** WebDriver with the TestNG framework, and Robot Framework.
- Strong proficiency in **Java** programming, coupled with significant experience using **JUnit** and **TestNG**.
- Skilled in the creation of test cases using element locators, WebDriver methods, and advanced Java programming techniques.
- Proficient in the development and management of all test artifacts, including test scenarios, test cases, defect reports, and automation test reports.
- Adept in utilizing various AWS services, including **EC2**, **IAM**, **S3**, **AMI**, **Kubernetes**, **RDS**, and **CloudWatch**.

## SKILLS

- JAVA
- Selenium
- Test NG
- Junit
- Cucumber
- Robot Framework
- Maven
- Jenkins
- SOAP

- REST API
- MySQL Server
- Oracle
- PostgreSQL
- GitHub
- Team Foundation Server
- JIRA
- AWS - EC2, S3, IAM, RDS, AMI, S3 Bucket, Kubernetes, CloudWatch

## EDUCATION

*Shri Ram Murti Smarak College of Engineering And Technology*, 06/2016
**B.Tech**: **Computer Science and Engineering**
GPA: 7 CGPA

*Play Way Inter College*, Lucknow, 01/2011
**School**

## EXPERIENCE

**Senior Automation Engineer**, 09/2022 - Current
*NICE*, Pune
Responsibilities:

- Led a QA team of 3 members, managing daily tasks and performance evaluations.
- Defined and implemented test plans and strategies tailored to project needs.
- Conducted requirement analysis to ensure test coverage and alignment with business objectives.
- Allocated tasks effectively within the QA team to optimize productivity.
- Presented test plans and strategies to stakeholders, ensuring clear communication and alignment.
- Designed, wrote, and executed detailed test cases for both manual and automated testing.
- Enhanced automation frameworks, streamlining test execution and improving efficiency.
- Performed defect identification, reporting, and retesting to maintain high product quality.
- Ensured accurate tracking and documentation of end-to-end testing processes for transparency.

Project: Suspicious Activity Monitoring
- Description: Multidimensional transaction monitoring system that accurately detects suspicious activity while minimizing false positives. Utilized an entity-centric approach to assess customer risk and enhance monitoring effectiveness. Designed a multilayered strategy to detect threats efficiently, reducing noise and improving precision in identifying potential risks.

**Senior Automation Engineer**, 08/2021 - 08/2022
*Tech Mahindra*, Pune

Professional Experience Tech Mahindra (Since Aug'21 – Till Now):
Application migrated from JavaScript to Angular, so migration of all Automation test cases and replace Junit to TestNg and implement Allure Report for Waybill Core, Waybill Template Management, and Waybill OPA.
➢ Established maintainability of all test cases while migrating the application
➢ Implemented new stories as well for the framework
➢ Implemented TestNg and Allure report for the framework
Responsibilities:
• Converted Junit test cases to TestNg
• Implementation of Allure report on all three framework
• Responsibility of taking ownership of whole project involving implementation, guiding of junior engineers and reporting to higher level \
• Reviewed all test cases and test scripts for quality and identified additional areas to review.

**Automation Test Engineer**, 08/2020 - 08/2021
*Dassault Systemes*
- Created accurate and efficient test scripts to manage automated testing of certain products and features
- Created generic keywords for test cases which can be used across multiple projects using Robot Framework
- Updated and maintained project documentation for detailed recordkeeping
- Reviewed all test cases and test scripts for quality and identified additional areas to review
- Wrote and optimized test cases to maximize success of manual software testing with consistent, thorough approaches
- Involved in automation of functional and regression testing using Robot Framework and REST API
- Project: Client Name – iMedidata
- Description: iMedidata is a web based portal for Medidata application that provide single access point and enhanced user experience to Medidata's Clinical

Cloud and potentially third party offerings

- IMedidata offers large scale study, site, user and eLearning administration across medidata's suite of applications through unified access control and shared common objects
- IMedidata enables medidata to leverage centrally stored user information across it's diverse set of applications and provide behind the scenes value to our customers

**Test Engineer**, 04/2017 - 08/2020
*IBM India Pvt. Ltd.*

- Analysis of Business requirements
- Preparing Test Summary and Test cases based on the Functional document received Preparation of Test scenarios for Business Requirements
- Performing sanity testing once the build is deployed
- Involved in Functional, Integration, smoke, Regression Testing
- Interacting with the developers and Business Analyst to make sure that they have understood the issues and proactively involved in Defect review meeting
- Implementation and modification of automation scripts using selenium-java with cucumber BDD framework
- Work under Agile methodology
- Project: Client Name – Markel Insurance
- Description: Markel Corporation is a diverse financial holding company serving a variety of niche markets
- Their principal business markets and underwrites specialty insurance products like Property Insurance, professional liability, marine Insurance
- It is a support & enhancement project
- ERMS, and Prop Pricing Web are the major components used by Markel and underwriters can use these systems to provide policy and run Markel Business
- ERMS is integrated by several sources like Prop Pricing, Inland Marine