

Gaurav Singh






CV



About me

ISTQB Advanced Level Certified Tester and Lead SDET with extensive experience in software development and quality assurance. Specializes in end-to-end automation, API, and UI testing while leading cross-functional Agile teams. Expert in architecting scalable automation frameworks using Selenium, Playwright, REST Assured, and Cypress with Java and JavaScript. Proven experience in AI/ML application testing, including model validation and performance optimization of intelligent systems.

Personal details

-  Erlangen, Germany
91054 Erlangen
-  Germany
-  +49 176 58391931
-  Gaurav10690@gmail.com
-  06/10/1990

Skills

Java
JavaScript
Testing
Playwright
Cypress
Selenium WebDriver

Professional experience

TSYS Pvt. Ltd

LEAD SDET

07/2023 - 04/2025

- Ensured end-to-end software quality in Agile teams by designing 300+ test cases, increasing coverage by 40% using Selenium with Cucumber, validating data via SQL, reducing defect leakage by 30%, and improving code quality through SonarQube and JIRA.

R SYSTEMS

PROJECT LEADER-QC

02/2023 - 07/2023

- Developed API automation using REST Assured and ReadyAPI, and implemented both UI and API test automation with Playwright (TypeScript). Enabled faster feedback cycles, improved stability, and enhanced test coverage across Agile sprints and CI/CD pipelines

MPHASIS

MODULE TEST LEAD

02/2021 - 02/2023

- Led the UK Lending Project at Mphasis, automating over 100 manual UI and API tests using Selenium (Java), Cucumber, and REST Assured, which streamlined test execution, reduced regression effort, and supported faster, more reliable releases in Agile sprint

PROFESSIONAL, QA ENGINEERING

FISERV INDIA PVT

05/2017 - 02/2021

- Automated WPF/WinForms apps using WinAppDriver and SikuliX, and developed REST API tests with REST Assured. Created UI automation using Selenium (Java) and Cucumber, enabling consistent regression coverage for desktop and web workflows in legacy apps.

AARTEKONE Pvt. Ltd

QA ANALYST

05/2015 - 04/2017

- Tested desktop, UI, and API layers of an insurance-based application using Selenium, REST Assured, and Postman. Built automated test coverage and integrated it into CircleCI pipelines to ensure continuous validation, faster feedback loops, and reliable.

AI/ML Testing
REST Assured
Appium
Postman
Node.js
Maven
Azure DevOps
Jira
GitHub
SQL
Visual Studio Code
Swagger
ISTQB
Microservices

E-SQUARE BUSINESS SOLUTIONS

02/2013 - 05/2015

SOFTWARE TESTER

- Focused on developing and testing web applications for intranet and internet users, managing the complete software lifecycle including requirement analysis, test planning, execution, defect tracking, and cross-functional collaboration across diverse tests

IBM

10/2011 - 11/2012

TECH SERVER OPS.

- Managed backend operations at IBM State Street Bank, maintaining Linux servers to ensure system reliability, uptime, and performance efficiency.

Educational background

DAVV, Indore, India

08/2008 - 06/2011

Bachelor

B.Com (Computer Science)