

Nishit Gupta

Technical Lead | 9+ Years Experience

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 Pune, Maharashtra, India

Professional Summary

Experienced Software Development Engineer in Test (SDET) with 9+ years of expertise in automation testing, framework development, and CI/CD pipeline integration. Proficient in Selenium, Katalon Studio, Robot Framework, and Playwright with hands-on experience across Web, API, and Mobile automation. Skilled in Agile methodologies, test strategy, and cross-functional collaboration. Recognised for delivering high-quality solutions, improving test coverage, and mentoring teams to enhance productivity.

Core Competencies

- **Test Automation:** Selenium, Katalon Studio, Robot Framework, Playwright, Appium, Cypress, AccelQ
- **Programming:** Java, C#, JavaScript, TypeScript, Python, Groovy
- **CI/CD & Tools:** GitHub Actions, TeamCity, Octopus, Bitbucket, Jira, Postman
- **Frameworks:** BDD (Cucumber, SpecFlow, NUnit), Hybrid, Mocha, .NET Core, RAGAS, DeepEval
- **Databases:** MySQL, SQL Server, MongoDB
- **Web & Cloud:** HTML, CSS, ReactJS, NodeJS, API Testing
- **Others:** Prompt Engineering, GitHub and Microsoft Copilot, Studio Assist and QET Presales

Professional Experience

Wipro | Technical Lead

March 2024 – Present | Pune, India

- Enhanced Web and API automation frameworks using Katalon Studio, increasing test coverage and execution efficiency.
- Mentored and onboarded new team members on automation best practices, accelerating team productivity and reducing ramp-up time.

- Implemented CI/CD pipelines with GitHub Actions, enabling continuous testing and faster delivery cycles.
- Conducted integration and acceptance testing, ensuring higher release quality and minimising production defects.
- Applied prompt engineering techniques to optimise test coverage, improving automation accuracy and scalability.
- Collaborated with developers to resolve critical issues, ensuring seamless delivery across cross-functional teams

HCL Technologies | Senior Test Engineer

Dec 2020 – Mar 2024 | Pune, India

- Designed and implemented BDD-based automation frameworks using NUnit, SpecFlow, and Robot Framework, improving test reliability and maintainability.
- Automated Web and API test cases with C#, Python, and Robot Framework, reducing manual effort and accelerating release cycles.
- Performed integration, regression, and system testing, improving defect detection rates and ensuring higher product stability.
- Created and executed detailed test plans and scripts, delivering comprehensive test reports to stakeholders for informed decision-making.
- Collaborated in sprint planning and Agile ceremonies, aligning testing activities with business priorities and sprint goals.

Capgemini | Consultant

Sep 2016 – Dec 2020 | Pune, India

- Developed robust UI and API automation frameworks using Java, JavaScript, and C#, improving test coverage and maintainability.
- Automated CRM Dynamics workflows by integrating ReactJS and NodeJS, streamlining business processes and reducing manual intervention.
- Executed regression and smoke testing, ensuring release readiness and minimising post-production defects.
- Designed and maintained hybrid automation frameworks, managing 1000+ scripts to support large-scale regression cycles.
- Collaborated with cross-functional teams to drive defect resolution, accelerate testing cycles, and enhance product quality.

Key Projects

- **GPD Medicare Acquisition (Wipro)** – Designed and implemented a scalable automation framework ensuring CMS compliance, integrated with CI/CD pipelines, and improved Medicare data processing reliability.

- **COMOS Mobile Solution (HCL)** – Automated acceptance testing for Siemens COMOS web version using C# and Robot Framework, reducing manual testing effort and accelerating release cycles.
- **Linux Patch Automation (Capgemini)** – Developed automation for Jenkins CI/CD integration across multiple operating systems, ensuring seamless deployment and reducing environment-related defects.
- **CRM Dynamics (Capgemini)** – Automated CRM workflows using JavaScript, ReactJS, and API integrations, enhancing CRM efficiency and enabling faster client onboarding.

Achievements

- **Innovation Award** – Developed an automation tool that significantly reduced effort and time, boosting efficiency and accuracy.
- **Team Contribution Award** – Recognised for contributions across multiple technologies with time effectiveness and quality.
- **Process Champion Award (HCL Technologies)** – Honoured for leadership, mentoring, and driving process excellence.
- **XtraMiles Client Satisfaction Award** – Acknowledged for delivering high-quality solutions on time and exceeding client expectations.

Certifications & Training

- ISTQB Foundation Level Certified
- Full Stack SDET Certification
- Microsoft Technology Associate – Database Administration
- Blockchain Testing (Test Automation University)
- Practitioner Certificate in Katalon Studio
- AI Practitioner Certificate in Katalon Studio
- Python, Cypress, Mocha, ReactJS, Data Science (Coursera/Duke University)
- Robocop Developer Training Level 1
- Introduction to Blockchain Testing
- Bhagavad Gita Recitation (Chapters 12 & 15)
- GitHub Copilot L1 and L2 Certificate from Cloud and AI Academy
- Generative AI Fundamentals and Responsible Usage at Wipro

Education

Bachelor's in Computer Science & Engineering, Sushila Devi Bansal College of Technology, Indore (M.P.), 2015