

DEEPANSHU GUPTA

SENIOR AUTOMATION TEST ENGINEER

CONTACT

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Delhi, India

PROFILE

Senior Automation Test Engineer with 10 years of experience in designing and creating automation frameworks using Python, Selenium, and Robot framework. Skilled in automating mobile and backend applications, and creating REST test cases for web services. Experience in team handling and motivating team members for their work. Proficient in Agile and Waterfall methodologies. Adept at communication with clients and actively contributing to product development and testing processes.

SKILLS

Python scripting

Gitlab

Robot framework

Selenium

Typescript

SQL

Team Handling

Visual Testing

Performance Testing

UI/API Automation

Accessibility Testing

JIRA

EDUCATION

Amity School of Engg. &

Technology, GGSIPU

2010-2014

Computer Science Engg.

Class XII, SBV Ashok Nagar

2008-2010

Medical

EXPERIENCE

Senior Automation Test Engineer, **Builder.ai**

Aug 2023-Present

- Demonstrated ability to **lead and mentor junior QA** team members, guiding them in crafting effective automation scripts and fostering a deep understanding of project requirements.
- **Maintained comprehensive test coverage of 96%** through meticulously updated scripts and test cases, ensuring alignment with evolving project requirements.
- **Reduced manual testing time by 70%** by developing efficient automated test scripts to handle repetitive tasks, allowing for more focused efforts on complex testing scenarios.
- Proven expertise in Test Automation, encompassing planning, assessments, script development, and ongoing maintenance.
- Successfully implemented **UI and API Automation** test cases for the Builder Tracker application using Robot Framework and Python.
- Successfully Implemented **Performance Testing framework** using Locust for APIs testing.
- Through collaborative teamwork, I successfully identified and logged over **80 bugs** within the Release Planner module of the Builder Tracker project during a single sprint. This **proactive bug reporting** led to a timely rollback of the affected code, preventing potential issues in production and ensuring the overall **quality of the software**.

TECH INITIATIVE

API Performance Testing Framework

Desc: To ensure optimal API performance under various load conditions, I successfully implemented a robust performance testing framework using Locust. This framework enabled me to thoroughly evaluate API behavior across different load levels and timeframes, identifying potential bottlenecks and optimizing performance.

Tools/Technology used:

Gitlab, Locust

Language: Python

Accessibility Testing using Pa11y

Desc: Increasing awareness and understanding of accessibility issues among designers, developers and content creators. Enable the teams to make the Accessibility as the part of CI/CD pipeline.

Tools/Technology used:

Gitlab, pa11y

Language: Python,docker

SDET-II, **Chegg Inc.**

Aug 2020-Jul 2023

- I constructed a **robust Automation framework** leveraging Python, Robot Framework, and Selenium, establishing a solid foundation for efficient testing.
- Orchestrated the development of **release plans** for two significant releases, successfully integrating Calm and Door Dash with Chegg and ensuring their seamless deployment.
- Actively involved in **CI/CD pipeline development** and seamlessly integrated our automation suite into the developer's workflow, streamlining the testing process.
- Proficient in automating **Visual, Accessibility, API, and Instrumentation** tests, ensuring comprehensive coverage and adherence to quality standards. Conducted thorough cross-browser testing using Browserstack to guarantee compatibility across various platforms.
- Contributed to efficient development cycles by building **Docker images** as needed.
- Demonstrated a commitment to knowledge sharing by mentoring and guiding new team members, both developers and testers, to familiarize them with project intricacies.

MTS-QA, BlueWhale Advisory Pvt. Ltd

Jul 2019-Aug 2020

- Independently handled project modules with very little involvement from Project Leads and Project Managers.
- Interaction with Stake-Holders for business requirements.
- Organize the framework which could automate all the test cases.
- Experience in Test Automation, Scripts Preparation, and execution within the framework.
- Writing python scripts to automate BlueStacks app Player and validating the stats querying Google- BigQuery with registry files Experience in execution of Sanity, Smoke and Regressions Suits.

System Software Engineer, Orange Business Services pvt. Ltd

Dec 2014-Jul 2019

- Providing End to End testing services for Orange Money and Global Reporting.
- Involved in QA Docs (Test Plan, Scenarios, RTM, Test Case Design), Peer Reviews, Test.
- Gives CAT Support to affiliates and assisting them to resolve all issues
- Generated automated scripts using QTP/UFT and documented them, created and maintained functional & regression test suites Writing python scripts on OM-Cloud (Linux Environment) to automate the reports and test various scenarios.