SOURAV SAHA

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OBJECTIVE

I am a Certified Software Quality Engineer with **3 years** of experience driving excellence in **Automation, Manual and Performance Testing.** Competent in creating, editing and implementing **test scenarios** to improve quality and efficiency. Exceptional expertise across various Testing tools and frameworks

EDUCATION

University of Engineering and Management, Kolkata - West Bengal   **2017–2021**
Bachelor of Technology (B. Tech.)

SKILLS

Programming Languages: Java
Tools: Selenium WebDriver, Cucumber, LoadRunner and JMeter
Automation Frameworks: TestNG, Cucumber (BDD) and Junit
Methodologies: Agile

EXPERIENCE

Software Quality Engineer   2021-Present
Infosys Limited   *Bangalore, India*
Project Title: Functional testing for a client in Banking Domain

- Extensive technical expertise in automating **Functional testing** of Web applications using **Selenium WebDriver** tool with **Cucumber (BDD) framework.**
- Developed and executed **Functional test scripts** using **Java** as programming language, Increasing testing efficiency by **50%.**
- Well versed in creating **BDD** based acceptance test cases.
- Improved testing efficiency by setting up and maintaining testing frameworks, resulting in **60%** reduction in manual testing.
- Developed comprehensive and effective **test scenarios** based on requirements analysis.
- Strong experience in **Manually** executed the test scenarios as required.
- Collaborating with **cross- functional teams**, including developers and business analysts, for **requirements analysis** and resolving issues or bugs.
- Carried out various types of testing like **Functional Testing, Progression Testing, Regression Testing** and **Acceptance Testing.**

Project Title: Performance Testing for a client in Medical Device Industry

- Performed **Performance Testing** on **SAP GUI** using **LoadRunner Professional** as tool.
- Developed and executed **Performance Testing scripts** and analysed Test results using **LoadRunner** tool.
- Evaluated system performance by comparing **performance metrics** with the **SLA** under various conditions.
- Coordinated with **cross-functional teams** consisting of **Business Analyst** and **Developers** for requirement gathering and sharing performance bottlenecks.
- Provided ongoing support for root cause analysis of **bottlenecks**.
- Carried out various types of testing like **Single user** and **Multiuser Performance Testing.**

Project Title: Performance Testing for a client in food service Industry

- Contributed as an **individual contributor (IC)** to the project and **singlehandedly** completed the Performance Testing for the client.
- Developed **Performance Testing scripts** using **JMeter** and executed the scripts in **non-gui** mode using **command prompt**.
- Collaborated with **Business Analysts and Developers** for gathering of requirement and reporting the performance **bottlenecks** respectively.
- Analysed complex system behaviour to identify **performance anomalies** and **recommend remediation strategies**.
- Created detailed **Performance Test Report** after analysing the **bottlenecks.**
- Coordinated **cross-functional efforts** with Developers for successful integration of **performance enhancements** into existing systems without disruption.

Project Title: Performance Testing for a client in security service Industry

- Contributed as an **individual contributor (IC)** to the project and conducted Performance Testing **in Dynamics 365 Finance** and **Operations.**
- Developed and Executed **Performance Testing scripts** using **JMeter.**
- Executed the **Performance Testing scripts** in **gui** and **non-gui** mode as per requirements.
- Used **Master-slave** configuration for testing large volume of users.
- Collaborated with **Functional team** for gathering of requirement and reporting the performance **bottlenecks** respectively.

Certifications

- Infosys Certified Selenium Advance Automation Tester, Infosys
- Infosys Certified BDD Cucumber Automation Tester, Infosys
- Infosys Certified Java SE8 Developer, Infosys
- Infosys Certified JMeter Performance Tester, Infosys
- Infosys Certified Agile Developer Certification, Infosys
- Infosys Certified DevOps Professional, Infosys

ACHIEVMENTS

Infosys INSTA Award for exceptional contributions to the project