Somnath Saha

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Role: Senior Automation Tester

Professional Summary

I am a passionate IT professional with **10 years of experience** across **Automation Testing and Data Testing**. Having strong foundation in Selenium webDriver ,manual testing as well as data Testing.Proven experience **designing and maintaining automation frameworks using Selenium WebDriver**, TestNG/JUnit, Maven, and Cucumber BDD . For Data testing skilled in **Azure Data Factory, Databricks, PySpark, Delta Lake, and SQL**. Experienced in Agile–Scrum environments, collaborating with cross-functional teams, participating in sprint ceremonies, and delivering reliable, production-ready data solutions.

Core Competencies

- **Automation Testing:** Selenium WebDriver, Cucumber BDD, Java
- **Data Testing & Automation:** SODA libraries, Azure Data Factory, Databricks, Delta Lake, PySpark, SQL
- **Agile–Scrum:** User story refinement, sprint ceremonies, documentation

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Technical Stack

- Automation Testing: Selenium WebDriver, TestNG/JUnit, Cucumber BDD, Maven, POM Framework
- Programming: Java, PySpark, SQL
- IDE : Eclipse, VS stidio
- Version Control & CI/CD: GitHub, Jenkins
- Test Management: JIRA, Agile–Scrum Practices
- Others: PySpark scripting, Data Testing in Azure cloud (ADF, Databricks, Soda library

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Professional Experience

Luxoft

Senior Software Engineer – Testing | *Oct 2022 – Present*| Remote
Client: Ahold Delhaize - Validated transformations across multiple Azure layers ensuring data accuracy. - Performed grey-box testing and automated test scripts using SODA Libraries. Authored test cases/scripts, executed test cycles, documented results. - Reported issues, worked with developers, and supported business validation.

Technologies: Databricks, ADF, GitHub, PySpark, SQL

Virtusa Ltd

Senior Consultant (Automation Lead) | *Nov 2020 – Jun 2022* | Bangalore
Client: Standard Chartered Bank - Led a QA team of 3 for UI automation of a banking application. - Maintained and optimized a **Selenium BDD (Java)** automation framework. - Designed and executed test scripts, improved runtime efficiency.

Technologies: Java 8, Selenium WebDriver, Cucumber BDD

Mindtree Ltd

Senior Test Engineer | *Mar 2015 – Sep 2020* | Bangalore
Clients: LINK (Finance), Equifax (Insurance), Marriott (Hospitality) - Performed UI testing, regression testing, and system testing. - Logged and tracked defects using JIRA. - Participated in peer review cycles and supported Go-Live activities.

Technologies: Selenium WebDriver, Cucumber, Java, SOAP

Education

B.Tech – Computer Science (2014)
West Bengal University of Technology

Languages

- **English:** Proficient
- **Bengali:** Proficient
- **Hindi:** Advanced