Souvik Mukherjee



QA Analyst

Professional Developer and Tester with 3.3 years of experience in Development and Testing processes . Involved in Software Quality Assurance , Manual & Automation Testing across domain like Insurance.

[mneel735@gmail.com](mailto:mneel735@gmail.com) 

8617443936

Durgapur, India  14 December, 1995 [linkedin.com/in/souvik-mukherjee-](https://www.linkedin.com/in/souvik-mukherjee-8ab545190) 

[8ab545190](https://www.linkedin.com/in/souvik-mukherjee-8ab545190)

# WORK EXPERIENCE

## Analyst

### Deloitte US-India (USI)

*12/2021 - Present*, *Kolkata,India*

*Achievements/Tasks*

To develop an automation framework which has eased our task to compare data in diﬀerent tables with code optimization and reducing Time Complexity. I have worked on Functional Testing/ETL Testing and handling a QA Team alone from end to end. Exploring and analyzing and adding to my collection of tools.

*Contact : Sourav Das - 9832841484*

## Systems Engineer

### Infosys Ltd.

*09/2019 - 11/2021*, *Bhubaneswar,India*

*Achievements/Tasks*

To verify whether the Health Care detailed information is populated correctly from upstream ﬁles to downstream ﬁles that is generated in mainframe database and quality of the ﬁles are tested in downstream part on the basis of the functionalities in UNIX environment.

*Contact : Payal Sinha - 8939539412*

# EDUCATION

## B.Tech

### Government College of Engineering & Textile Technology , Berhampore

*08/2015 - 05/2019*, *Berhampore,WB,India*

*Courses*

Computer Science & Engineering

## Higher Secondary

### Hem Sheela Model School

*04/2012 - 05/2014*, *Durgapur,India*

## Secondary

### St. Xavier's School

*04/2001 - 04/2012*, *Durgapur,India*

# SKILLS

Software Quality Assurance , Manual & Automation Testing

RQM ,QC/HP ALM , iDTW and RTC

Decision making

Selenium Web driver with JAVA, TestNG framework

* XML parsing to Hive

API Testing

Unix

AWS S3 with Python

Hadoop and Hive

Github

ETL Testing/Mainframe Testing, Agile/Waterfall methodology, System Testing, Functional testing, Sanity Testing, Smoke Testing, Regression testing and UAT testing on client/server applications

Cucumber , Maven(project framework build and set up)

Languages : HTML, Basic Java , Python, C++,VBA

Databases: SQL Server, Oracle 10G, HiveDB

JSON parsing and automated data load to target tables

Oﬃce applications: Outlook, Word, Excel, PowerPoint

**ACHIEVEMENTS**

INSTA AWARD (03/2021 - Present)

*For leading a team from oﬀshore and onshore end and coordinating with*

*clients for meeting the deadlines and engagement in IP Solution activities.*

*For creating an Automation Framework to be used by the internal Team members.*

# LANGUAGES

English

*Native or Bilingual Proﬁciency*

Bengali

*Native or Bilingual Proﬁciency*

Hindi

*Full Professional Proﬁciency*

**Personal Projects:-**

1. **Veeva Integration(Python ,API & DATABASE TESTING)**

An automation framework developed using python which validates the end to end test scenarios that reduced manual testing effort by 80%(~100 hours) and helped the project to complete testing on time. (Duplicate tables created from API response and compared with actual tables present created by DEV Team)

1. **Smart Supplies(S3 & REDSHIFT DB)**

Data validation automation framework for comparing structure and data in S3 files generated in Raw bucket vs Staging bucket and Redshift DB.

1. **Sanofi CHS Data Migration (S3 , ORACLE, Selenium, Java,Python)**

Automation framework using Python for Data Migration validations between Raw , Staging & Transformation layer which reduced the overall team’s effort by 70%(~120 hours) (Json vs DB comparison) (.dmp vs .log comparison) (etl tool development with multiple packages ) (Results in excel and html)

Selenium Java for CHS Application UI validation for each case form.

1. **Program Variant(Selenium Java)**

To compare the BPLV combination (BIC PROVISION LINE\_VALUE NUMBER) for the project (DD framework) and results generated as excel .

1. **Minute Clinic(SQL , Mainframe)**

To check data whether it is in accordance with Rule\_No’s assigned as 1,2,3,…. Where each rule is generated on 6 month time frame.

1. **GMSGQ-DDM (Python S3)**

To check whether ABC (Audit Batch Control) framework is working correctly for the uploaded files in S3 path.

1. **Rx Carveout & Rx Copay(SQL Mainframe )**

To validate whether all the Members from Medmembership with the logics provided are present in the files created. Legacy data to be moved to Cloud Infra checks.

1. **Payment Integration(Hive DB2 Python Putty Unix)**

Validation to check whether Hive and DB2 are in sync with Member,Patient …. Data etc.

XML vs Hive parsing with sample data