



## Sanjukta Samanta

Programmer Analyst |  
Test Engineer

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👤 Female

📅 11/01/1995

📍 Birati, Kolkata



## PROFESSIONAL PROFILE

Software testing engineer with a demonstrated history of working in the Informational Technology and service industry with 2.6 years of experience in Manual | Automation testing for BigDecisions AI|Streaming Project. I am seeking challenging opportunities where I can fully use my skills for the success of the organization and grow professionally.



## WORK EXPERIENCE

### COGNIZANT TECHNOLOGY SOLUTIONS

FEB 2019 - PRESENT

*Programmer Analyst*

#### **Project Name : AccelXChrg CDB-BDcsnAI**

**Role :** Test Engineer

- The platform is Data science AI web-based application which trains, validates and analyses huge image datasets like Insulator classification, Object detection, Image segmentation and Face Recognition.
- Performed Functional and Regression testing of building, training and deploying the models using AutoML, Transfer learning and Random Initialization techniques.
- DL studio and Zeppelin Notebook tools used to build the models.
- Performed end to end testing of building, training and deploying Chatbot module using RASA framework.
- Planned and designed Agent, Entity and Intent of Chatbot using NLP.
- Used Postman tool to check API responses.

#### **Project Name : AccelXChrg CDB-BDcsnStreams**

**Role :** Test Engineer

- The application is streaming IOT web-based hosted on AWS and Azure platform that enables information management and analytics with an agile approach for business decision making.
- Performed Sanity, Functional, Ad-hoc and Regression testing of the application.
- Working with Streaming & IOT, File-based data sources, databases both RDBMS & Non-RDBMS
- Involved in creating JSON, XML, AVRO datasets to be used while testing the application.
- Involved working on AWS and Azure services like S3, Blob Storage, Azure Data Lake, IOT Hub and many more.
- Used various frameworks and services like Kafka, Azure HDInsight, AWS EMR for processing streams of data, to collect big data and analysis.
- Involved in Product Maintenance Track testing to release the product in a short span.

#### **Automation Testing in Robot framework**

- REST/API testing of File-based, Real-time, database connectors, datasets, jobs and data exports of the Streaming platform.
- Writing, executing the test suites and debugging the same from html log files.
- Used GitHub platform for collaboration, building repositories, pull, merge requests, commit test suites and pushing it to origin master branch.

#### **Testing Approach**

- Experienced working in Agile Scrum Project Management methodology.

- Development and testing of applications is conducted in Sprints in each Releases.
- Requirement Understanding and Analysis of User Stories
- Designed test scenarios, write test cases and test execution in the setup environment.
- Detect Bugs and raise and track them in JIRA and classify them based on Severity, Priority.
- RCA of the bugs raised during Sprints and Regression testing phase.
- Reviewed test cases and lead and assigned the team members with tasks.
- Assisting UAT team in understanding the functionality and testing the bugs raised by them.
- Good team player with excellent communication skills
- Received appreciation from Project manager for always completing the work before time with accuracy.

## COGNIZANT TECHNOLOGY SOLUTIONS

SEPT 2018 - JAN 2019

### Programmer Analyst Trainee

- Worked closely in a group of 4 members and designed and developed a web-based Passport and Visa Management application following a BRD.
- Technologies used JAVA, JDBC, Servlets, JSP, MySQL.



## EDUCATION

### CALCUTTA INSTITUTE OF ENGINEERING AND MANAGEMENT

Aug 2014 - June 2018

B.Tech in Computer Science and Engineering(MAKAUT/WBUT)

CGPA : 8.82

### HOLY HOME,SERAMPORE

Mar 2013 - Mar 2014

C.I.S.C.E./I.S.C

Percentage : 82

### HOLY HOME,SERAMPORE

Mar 2011 - mar 2012

C.I.S.C.E./I.C.S.E

Percentage : 86



## Skills

Programming Languages : Java, C, J2EE, Python

Bug tracking tool : JIRA, Trello(Basics)

Test Management Software TestLink  
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Databases : Oracle, MySQL, Elastic Search

Tools : Eclipse IDE, PyCharm, WinSCP, MobaxTerm

CI/CD tool : GIT, GitHub, Jenkins(Basic)

Cloud platforms : AWS, Microsoft Azure

Automation knowledge : Selenium, Pytest framework, POM framework, Fixtures, logging and generating html reports, read/write data from excel to Selenium framework

Languages : English, Bengali, Hindi



## Certifications

The Complete Agile Scrum Fundamentals Course, Udemy 2021

Selenium Webdriver with PYTHON from Scratch + Frameworks,Udemy 2021

PHP Web Development, EARTH Technology 2018

Information Technology(JEE7), Globsyn Finishing School 2017

Programming,Data Structure and Algorithms using Python, NPTEL. 2017

Programming,Data Structure and Algorithms using Python, NPTEL. 2017

Sentimental Analysis on Facebook data using R 2016



## Interests

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- Exploring new places and cuisines
- Playing carrom and badminton
- Watching web series,movies,realityshows
- Listening Music
- Reading Novels
- Photography