Name: Supriya Basu Chowdhury

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#### **Professional Summary**

Overall 3.5+ years of professional experience in ETL, Data validation, Data Warehouse ,Big data domain, Python, Pyspark , Hive , HDFS , ETL Testing in Cognizant Technology Solutions and currently in Accenture Solutions Pvt Ltd

My secondary skill includes Data modelling

- ➤ Good exposure towards complete Software Development Life Cycle (SDLC) including Requirements Analysis, Test scenario identification, Test case development in Development Environment
- ➤ Work experience in Data Modelling, Data validation in python, ETL tools
- Work experience in ETL tools like SAP BODS
- ➤ Working knowledge in SQL, oracle, python
- > Learning new technologies like Spark and Hive in distributed environment
- > My core domain skill includes Insurance and BFS and Health Care.
- > Knowledge in Agile methodology and Waterfall methodologies
- > Took learning certification in oracle, Python, Java

#### **Technical Skills**

Testing tool	sap bods					
Language(s)	Oracle, SQL, python, Python Spark					
Database	SQL Server, Oracle, Teradata					
DB Tools	Server Studio, SQL Plus					
Skill	Testing operations, Data modeling, Data Validation					
Project Management	Agile, Kanban, Waterfall, MS Office (Word, Excel, Access, Power Point					
Browsers	Chrome, IE, Firefox					
Operating Systems	Windows 7, 10,11					

#### **Professional Experience**

### **AccelxChrg INS-PPI-PDI)**

The project is about to identify and analysis damage severity using satellite images. This project will help the insurance companies to analysis the damage automatically and calculate the claim it should have. In this project we are using Deep Learning for getting more Accurate Output. Neural Network concepts are also useful here. We used to make an E-Commerce environment for some purpose to ensure the product could be selling.

The project involved Implementation of the E-Commerce (Sales Force Commerce Cloud, APTOS POS, APTOS EOM, RDM, APTOS Sales Audit, SFCRM platforms respectively, Testing the APTOS EOM Inventory Management in order to ensure the Inventory Synchronizations & Adjustments and most importantly End to end business flow validation to ensure the legacy integrations as well as integrations within the products

#### **Responsibilities:**

- Engaged in preparing project estimation, Test strategy, Module creation, Data Modeling in Python
- Undergoing business analyst walkthrough on functionalities and preparing and reviewing of test scenarios and test cases through ETL Testing skills
- Involved in REST web service validation with different parameter set and verifying the response with the back-end database tables through SQLs
- Responsible for status report on daily and weekly basis along with presentation for new scope and areas of improvement and value add to the client.
- Actively involved in regression, UAT and Performance teams for their test data preparation, functional flow validation and checking of validation in big data environment.
- Data modelling by using PySpark, Hive, and other big data technologies

Technologies: ETL, ORACLE, PYTHON, Spark

### **City National Bank**

City National Bank (CNB) is a bank headquartered at <u>City National Plaza</u> in <u>Los Angeles</u>, <u>California</u>. CNB is a <u>subsidiary</u> of the <u>Toronto</u>-based <u>Royal Bank of Canada</u> and it is the 38th largest bank in the United States as of March 31, 2019

The project is based on BFS. My role was to work with data warehouse. Our team use to manage with the data that is been put to warehouse and analysing with the data. Managing the day to

day transaction, Deal with the raw data, Validate and ensure that right possible data is stored in warehouse. We extensively use SAP BODS, Python, Spark for the ETL processing.

#### Responsibilities:

- Engaged in preparing project estimation, Test strategy, Module creation, Data Modeling in Python
- Undergoing business analyst walkthrough on functionalities and preparing and reviewing of test scenarios and test cases through ETL Testing skills
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- Data modelling By using PySpark , Hive , and other big data technologies

Technologies: ETL, SQL, Informatica, Sap Bods, Oracle, Python, Spark, Hive

## **Blue Cross and Blue Shield of Louisiana**

Blue Cross and Blue Shield of Louisiana began in New Orleans in February 1934 when representatives of six area hospitals got together and formed the Hospital Service Association of New Orleans,

This project is a Health Care project where we serve the transform clean data to client for business use cases. Different kind of data layer is present for the transformation and checking. We create data pipeline or update Use cases in old pipeline. We use informatica sometime for small transformation and Teradata side as Warehouse.

#### **Responsibilities:**

- Engaged in preparing project estimation, Test strategy, Module creation, Data Modeling in Python, Spark
- Undergoing business analyst walkthrough on functionalities and preparing and reviewing of test scenarios and test cases through ETL Testing skills
- Involved in REST web service validation with different parameter set and verifying the response with the back-end database tables through SQLs
- Responsible for status report on daily and weekly basis along with presentation for new scope and areas of improvement and value add to the client.
- Actively involved in regression, UAT and Performance teams for their test data preparation, functional flow validation and checking of validation in big data environment.
- Data modelling By using PySpark , Hive , and other big data technologies

Technologies: ETL, Teradata, PYTHON, Spark

# **Educational Qualification:**

Degree	Institution	Year Of	% Of Marks
		Passing	
Secondary	Garden Reach Mudiali High School	2012	82
Higher Secondary	Garden Reach Mudiali High School	2014	71
Graduation (B.TECH)	Rcc Institute Of Information Technology	2018	73

# **Skills Matrix**

Test Type	Skills	1	2	3	4	5	
Quality Assurance	Test Coverage	×	×				
	Test Methodologies(Agile/Waterfall/SDLC)	×	×	×			
	Test Strategy, Test Plan, Estimation, RTM	×	×				
	Defect Cycle, RCA, Prioritization	×	×	×			
	Test Closure, Test Summary ,Exit/Sign-off Reporting	×	×	×			
	Cyclomatic Complexity	×					
	Data Mapping	×	×				
Black-box	Incoming & Outgoing data from SQL	×	×				
	Testing Techniques(Boundary/Equivalence)	×	×	×			
	Smoke, Regression, Integration Testing	×	×	×			
	UAT and Load Testing	×	×				
	Database SQL	×	×	×			
	Logical Views	×	×	×			
White-box	Database Joins	×	×	×	×		Index
	Database Functions	×	×	×			
	Referential integrity	×	×	×			1 - Learner
	Database Write Operations	×	×	×	×		2 - Practitioner
	Tables, Views, Index, Schemas	×	×	×			3 - Specialist
	Database Refactoring	×	×				4 - Expert
	SOAP and Rest services	×					5 - Mentor
	HTTP Methods	×					<u>-</u>