**Siddhant P Kolhe**

Cloud Big Data Test Engineer IBM, <https://www.ibm.com/>, Pune

OBJECTIVE

EXPERIENCE

EDUCATION

CONTACT

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* University - Pune University. Maharashtra.
* B.tech in information technology.

To find a Position in a cutting edge Organization that will utilize either or all of my **Software Testing/Regression testing/Database testing/Etl testing/ SQL/Big data Hadoop /Unix / Agile/Data warhousing/Power Bi /INFORMETICA/Tableau**  Experience and skills. To employ myself in a progressive organization that provides scope to update my practical knowledge and skills in accordance with the latest trends and be part of the team that dynamically works towards growth of the organization. To achieve a challenging position in Software Testing in a result-oriented company, where acquired skills and education will be utilized towards continuous growth and advancement.

**Core Technologies Involvement :**

Cloud Data Migration Testing | Bigdata Analytics –Hadoop |ETL –SSIS Package | BI | Unix |SQL | | Database Testing |Agile |

**Domain/System/ module Worked/Working with :**

Siebel CRM \*Telecom BSS/OSS \* Global Payment Gateway \* Telecom OSS –Inventory Management (Provisioning & Activation ) \* Rating Charging \* Mediation \*

Overall 3 years of Experience + of software Testing + ETL Testing + Database Testing + Business Intelligence + Bigdata Analytics – using Hadoop On Cloud Platform

* work experience with client Telefónica ,Germany as a (Big Data Analytics for BSS Migration) Test Consultant
* Work experience area -Database testing | ETL /BITesting | Unix | API |EDI file processing |

**Core Area Involvement:** Agility | Database Testing | File Processing | ETL Testing | web service testing |Role based access security system | Data volume Testing ( Shortest path Detection –Performance Testing |System Integration – Functional |

**Process worked With :** | Agile | V model | Waterfall

**ETL Tool used : SSIS Package | Defect Management tool : JIRA |Process : Agile + Waterfall Model + , Configuration Tool : Power BI Tools used : TABLEAU |JIRA|Data Visulization**

**TECHNICAL QUALIFICATION HEADLINES**

\*Manual Testing \*EDI File Process \* Business Intelligence \*DWH/ETL-Data warehousing\* SSIS Package \*Database Testing \* SOA Webservice Testing \* Unix \* SQL \* Soap UI \* Watrfall model \* Agile \* JIRA \* RESTful Web service \* JSON \*Data Volume Peformance test \* Security Test \*

**EXPERIENCE SUMMARY**

* **3+ Years** of experience in **Software Testing** and Quality Assurance including Database Testing SSIS Package - Datawarehousing –DWH-ETL tesing,REST Webservice testing
* Strong experience with **Mediation ,Siebel CRM ,Telecom BSS/OSS ,Payment, Big Data analytics [DWH+BI]**System/Domain.
* Analyse **ETL** Requirements and Mapping sheetwith BA
* Map Source and target data In term of **Duplicate , Count , Nullable ,datatypes ,constraint , length.**
* Involved in the analysis of source systems, gathering business requirements and identification of business rules.
* Prepared and ran sql queries to verify Dimensional and Fact tab les,Verifying the data in target database by ETL process, Transformation logic is applied before loading the data.
* Knowledge of all Datawarehousing /DWH concepts, Good understanding of **OLAP , OLTP, Star schema, snowflake schema.**
* Understand and analyse **SRS to ensure it meets the Customer requirement,** Responsible for **Test Case Writing,** **Execution**, Bug Tracking and Reporting.
* Actively involved in **Review** of test Case, Performed **Functional**, **Integration** and **Retesting**, **Regression, Sanity,** and **Database testing**.
* Enough exposure to all stages of **SDLC,** Mapped the business requirements with test case by preparing **Traceability matrix.** Strong knowledge over whole Software Test Life Cycle (**STLC**).
* Work closely with other testers and developers with bug fixes and **Defect Analysis** Using defect management tool such as **HP** ALM & **MTM**
* Wrote **SQL queries** to access the data from the **database** tables to ensure data integrity.
* Strong Knowledge about **UNIX** Commands to validate server data,A result-oriented team player and skillful in coordinating with development team and problem solving abilities.
* Capable of working under time constraints in a target-oriented environment.
* Self-motivated, Pro- Active and Quick learner of new concepts and technologies.

**WOKING ZONE – ORGANIZATION**

Currently working as Cloud **Big Data Test Engineer** With IBM , https://www.ibm.com/,Punesince May 2019 to till date.

**PROJECTS**

**Project Sequence 1**

* + - * **Project Name :** Webull
* **Client :** Webull, Canada
* **Technology & Tool API Testing Manual testing Black box testing STLC**

Project Title : investing Client:

Project Description; Webull Financial LLC offers an electronic trading platform, accessible via mobile app and desktop computer, for the commission-free trading of stocks, Future & options, Key Transactions through a variety of offerings like Initial Public Offerings (IPOs), Follow-on Public Offerings (FPOs), Qualified Institutional Placements (QIPs), Rights Issues, Private Placements, Block Trades.

* **Task Handled:**

• Experience in Agile methodology.

• Good knowledge of Software Development life Cycle (SDLC) and Software Testing Life Cycle(STLC).

• functional experience in Black Box (Manual Testing) that includes Functional, Non-Functional, Globalization, UI Testing, API Testing,

**Project Sequence 2**

* **Project Name : Ethernet Switch synchronization - ESS**
* **Vertical : Telecom OSS –Provisioning & Activation [Inventory Management ]**
* **Client :** Century Link- Mexico
* **Technology & Tool : Database testing, Rest web service , stub , Unix ,System Integration**
* **Detail Project Overview and Workflow :**

3X36 Industrial 4G Router use High speed 4G module, strong wireless communication with major network, including TD-LTE,FDD-LTE,TD-SCDMA,WCDMA,EVDO,CDMA1X,GPRS/EDGE.

Using high-performance industrial-grade wireless modules, industrial grade high stability high precision components, -35 ~ +75 º C extremely wide temperature design, easily adapt to the high-temperature cold working environment for unmanned systems to provide reliable group network with sa communication

aOffering high-speed flexible uplinks, 200G stacking, industry leading 95W PoE, and high density 10G multi-gigabit ports ready for Wi-Fi 6, these platforms are the right choice for the next generation of enterprise switching networks.

Offering comprehensive security features, they are well-equipped to secure the network edge. These high performance, versatile LAN switches can be positioned:

At the edge of mid- to large-sized converged enterprise networks

At the aggregation layer ,In a small enterprise network core,In the data center for GigE server connectivity and SDN applications.

The Alcatel-Lucent OmniSwitch 6560 Stackable Multi-Gigabit Ethernet LAN value switch family is an industry leading campus access solution for enterprise networks. With multi-gigabit ports for high-speed IEEE 802.11 ac devices, 10GigE uplinks and 20 GigE stacking, the OmniSwitch 6560 is the right solution for your next generation network.

Offering a design optimized for flexibility and scalability as well as low power consumption, the OmniSwitch 6560 is an outstanding edge solution. It uses the field-proven Alcatel-Lucent Operating System (AOS) to deliver highly available, secure, self-protective, easily managed and eco-friendly networks.

* **Task Handled:**
* Understand the FRS document and analyse the requirement.
* Prepare the test case from use case
* Execute the test case to validate customer requirement
* Involved in review test case and send review comments to colleagues.
* Prepared mapping sheet of SRS and test case
* Sending the Regular status to the higher authorities in a timely manner.
* Participate in scrum meeting to discuss about project progress report every day.
* Resister the defect using defect management tool such as MTM.

**Project Sequence 3**

* **Project Name : Rating & Charging & Revenue Management – E2E BSS**
* **Vertical : Telecom BSS ,Siebel CRM**
* **Client :** Freedom Mobile - Canada
* **Technology & Tool : Data warehousing /Etl , SSIS Package ,Big Data Analytics**
* **Detail Project Overview and Workflow :**

This solution is a powerful rating and billing engine that performs the complex rating, bundling, contract management, and discounting functions that CLECs, wholesale carriers, resellers, cable companies, unified communications and IP providers demand. The implementation of this solution will Gain Billing Efficiencies, Guard Your Revenue. Manage complex corporate relationships with n-tier hierarchies that include functionality for establishing invoice responsibility, discounts, contract management and more. Manage complex corporate relationships with n-tier hierarchies that include functionality for establishing invoice responsibility, discounts, contract management and more. provides convergent support – and a single invoice – for providers transitioning from traditional communications services into multiple lines of service including IP, cable, mobile, SaaS and nearly any other service delivery model.

* **The main features are**

Support for corporate hierarchies, Order Management automation, Product management and pricing for any business model, One bill for any service, Capture all your revenue, Integrate with ease, Agent support

* **Roles and Responsibilities**
* Reviewed Business Requirements, Functional Specifications, and Detailed Design documents (including UML).
* Updated test plans, created test cases and test scenarios for assigned functional areas (including Transact SQL queries for data validation).
* Analyse mapping sheet and verify source and target system
* Use complex queries to check output to ensure it meets the business logic
* Executed test cases to ensure functionality meets the customer requirement
* Logged and regressed bugs using HPALM
* Maintained 12 servers used by the test team (including setup, configuration and change management).
* Performed setup and BVT testing with each build

**Project Sequence 4**

* **Project Name : Enterprise Broadband Billing**
* **Vertical : Telecom BSS, Siebel CRM**
* **Client :** Freedom Mobile - Canada
* **Technology & Tool : Blackbox testing,Manual Testing,Regression testing UAT STLC Agile**
* **Detail Project Overview and Workflow :**

Bandwidth management is the most complex and growing concern for majority of internet service providers. Some evolutionary internet trends and the rise of mobile technology are the triggers leading to the need of managing internet bandwidth efficiently. With increase in use of mobile devices and availability of internet service at public places, it is not possible to build infinite bandwidth and make internet available for ever-increasing usage. Internet Bandwidth is a limited resource and it has to be managed and judiciously used. Internet Bandwidth management can be done by embedding a solution into the internet access network that can capably control the entire network. The solution should have robust Bandwidth and Quality of service [QoS] management feature that helps internet service providers implement bandwidth control based on usage, services, or as per their customized needs. Also, the solution should support variable bandwidth allocation based on hours/days or data usage to strategically distribute bandwidth as required

* **Task Handled :**
* Reviewed and Analyse Business Requirements, Functional Specifications, and Detailed Design documents (including UML).
* Updated test plans, created test cases and test scenarios for assigned functional areas (including Transact SQL queries for data validation).
* Analyzed and identified the Test Cases based on requirement document of the application.
* Verify data is mapped correctly from source to target system
* Verify all tables and their fields are copied from source to target
* Verify keys configured to be auto-generated are created properly in target system
* Verify that null fields are not populated
* Verify data is neither garbled nor truncated ,Verify data type and format in target system is as expected
* Verify there is no duplicity of data in the target system ,Verify transformations are applied correctly
* Verify that the precision of data in numeric fields is accurate
* Verify exception handling is robust, Reconciliation check- record count between the STG (staging) tables and target tables are same after applying filter rules
* Insert a record which is not loaded into target table for given key combination
* Copy records, sending same records that are already loaded into target tables-should not be loaded
* Update a record for a key when value columns changed on day\_02 loads ,Delete the records logically in the target tables
* Values loaded by process tables, Values loaded by reference tables, Check if the target and source data base are connected well and there are no access issues.
* For a full load, check the truncate option and ensure its working fine, While loading the data, check for the performance of the session, Check for non-fatal errors.
* Verify you can fail the calling parent task if the child task fails, Reviewing and modifying the Test Cases.
* Execute the test case in build and validate the impact.
* Performing Smoke, Functional, Compatibility and User Interface testing.
* Regression testing was performed after each new build of the application..
* Executed test cases to ensure functionality meets the customer requirement

**Project Sequence 5**

* **Project Name : Digital Billing & Revenue Management**
* **Vertical /System : Telecom BSS , Amdocs CRM , Tibco**
* **Client :** Freedom Mobile - Canada
* **Technology & Tool : Data warehousing /Etl , SSIS Package , Database testing , Unix , Job Run**
* **Detail Project Overview and Workflow :**

This solution continues to de-strain and optimize the mobile networks by seamlessly offloading traffic and offering unique monetizing prospects by offering location and profile specific contextual ads, promotions and notifications, app based seamless connectivity and business Intelligence with reporting and analytics. It uses traffic patterns, usage & device behaviour, activities over Wi-Fi.

Nowadays, enterprises across segments including hospitality, transportation, education, retail, smart cities, healthcare etc. find potential in Wi-Fi as means to get closer to customers by offering customized and personalized Access services. It has in-built detect, connect, engage and analyse model to enhance customer engagement and revenue opportunities. To facilitate this, service providers are now transforming from service provisioning to service enablers. This entails a comprehensive Enterprise Wi-Fi solution capability to offer real-time customer Wi-Fi usage analysis, business applications integration support, customizable analytical reports, contextual ad campaigns and monetization business cases across to enable high quality Wi-Fi services for enterprise customers.

Another talked about trend in the recent times is offering voice services over Wi-Fi. As an access enabling technology Wi-Fi holds great potential to entice positive disruption in the telecom space. Wi-Fi calling or Voice over Wi-Fi (Vo-Wi-Fi) enables operators to overcome the challenges of declining voice revenues, poor indoor coverage, congested cellular spectrum, infrastructure CapEx etc. and offering hassle free HD quality voice experience and seamless voice transfer between cellular and Wi-Fi

* **Task:**
* Understand the FRS document and analyse the requirement.
* Prepare the test case from use case
* Execute the test case to validate customer requirement.
* Involved in review test case and send review comments to colleagues.
* Prepared mapping sheet of SRS and test case, Checking the database integrity.
* Sending the Regular status to the higher authorities in a timely manner.
* Participate in status meeting to discuss about project progress report.

**Project Sequence 5**

* **Project Name : Buyer Initiated Payment**
* **Client :** Freedom Mobile - Canada
* **Vertical : Payment ,Telecom BSS**
* **Technology & Tool : Database Testing , File processing , Webservice testing ,job run ,unix ,Report analytics Testing -BI**
* **Project Overview**

Raw Data from corporate databases is extracted. The data could be spread across multiple systems heterogeneous systems. The data is cleaned and transformed into the data warehouse. The table can be linked, and data cubes are formed. Using BI system the user can ask quires, request ad-hoc reports or conduct any other analysis. Business intelligence is a system of various solutions used to garner insights from different types of data. Driving business decision making is the primary use of business intelligence and is accomplished by utilizing different techniques to understand historical, live, and predictive data. In this bi defined page, we’ll delve deeper into the purpose of BI and specifically, it’s relation to an important element of BI, business intelligence reporting. Businesses are able to source data from external and internal systems, assemble the data for analysis, generate and execute queries against the collected data to create reports and dashboards for decision makers. Visualizations within these reports and dashboards are powerful statistical tools that empower decision makers to action data quicker. Reporting is an early step in the process of data processing. It presents data in an interactive fashion to turn it into actionable information. There can be many levels of interactivity within a report such as the ability to drill down, sort, and filter, as well as additional capabilities such as self-service editing which allows you to further explore your data for more insights. Business intelligence reporting is most beneficial when it is designed to help track and measure your strategic business goals. Other use cases for reporting tools include tracking key performance indicators, maintaining regulatory compliance, or even measuring goals between different departments or applications. Report developers and report writers use tools such as This solution Designer, our report design tool, to distinguish elements such as data sources, display formats, graphics, filters, and other options that are essential for report presentation. Enterprise reporting solutions, such as This solution, also allow end-users to create reports and dashboards directly from web application interfaces using ad-hoc data resources specified by developers. Users are therefore given the ability to generate speedy data-driven decisions through building report components, collecting various data, and designing ad hoc reports. Reports can be published to a reporting engine, such as This solution Server, which extracts data and generates reports.

**Task: Handled**

* Properly analyse Business logic and SRS
* Created and executed test cases to ensure Functionality meet Business logic
* Analyzed logs generated reports and identified failures.
* Identified bug trends and participated in general QA initiatives
* Maintain a consistent look and feel throughout all modules
* Prepare Tracebility matix to match use case and test case
* Involve in review of test case and share review comments
* Involve in file processing and implementation of stub during system Integration
* Log the defect using defect management tool such as HPALM .
* Run the jobs using Unix commands
* Generate various types Reports and share with top management.

**PERSONAL DETAILS:**

* Father name - Pratap Kolhe
* Mother Name - Meera kolhe
* D. O. B - 23-05-1993
* Address - Deep nagar Mukhed tq mukhed dist Nanded Maharashtra, India
* Pin code – 431715

**Declaration:-**

I hereby declare that the above-mentioned information is correct to the best of my knowledge

Date:

Location:

Regards,

Siddhant Kolhe