

SIDDHARTH SETHIA

Email: siddharth.sethia.1988@gmail.com | Phone: +91-9833098770 | Skype: siddharth.sethia1

WORK EXPERIENCE

CitiBank, Pune
(Mar 20 – Present)

Project 1: Mobile cheque Deposit Report:

Role: Big Data Engineer (Technical & Functional Development)

- Started Report development from scratch.
- Being a consumer, read data from kafka server, and created dataframe out of it. Further applied a set of business rules to gather meaningful data.
- Created multiple spark Dataframe's to achieve the goal. Used OOPS methodology to develop the logic.
- Created a shell script (Using spark submit) to invoke the report, which further embedded with Autosys for automation.
- The o/p data shows information like: No of mobile cheque deposit (MCD) activity started, Failed in between, completed etc.

Related Keywords: Big Data, Hadoop, HDFS, Hive, Spark, Spark SQL, PySpark, Basic Python, Kafka

Project 2: TY Portfolio Dashboard Migration:

Role: Big Data Engineer (Technical & Functional Development)

- The dashboard logic was in SAS. And the goal was to convert it to Pyspark.
- Learned basic SAS for better understanding and used spark dataframe API (using spark sql) to convert the existing SAS logic to pyspark.
- Created multiple spark Dataframe's to achieve the goal. Used OOPS methodology to develop the logic.
- Created a shell script (Using spark submit) to invoke the report, which further embedded with Autosys for automation.

Related Keywords: Big Data, Hadoop, HDFS, Hive, Spark, Spark SQL, PySpark, Basic Python, SAS

Project 3: Mortgage Process Automation:

Role: Big Data Engineer (Technical & Functional Development)

- The process is written in SAS and the task was to remove manual interventions from users and to make the process fully automated.
- Changed all the manual entry points and combined all the sas codes with a script.
- This script was further embedded with Autosys (JIL) for the automation.

Related Keywords: SAS, Automation, Shell Script, Autosys

E mail: siddharth.sethia.1988@gmail.com | Phone: +91-9833098770 | Skype: siddharth.sethia1

| | |
|--|---|
| <p>Deutsche Bank, Pune (Jul 16 – Feb 20)</p> | <p>Project Name: iHAP (Integrated Hedge Accounting Platform)</p> <p>Module 1: FXCTA (Foreign Exchange Currency Translation Adjustments) Role: Big Data Engineer (Technical & Functional Development)</p> <ul style="list-style-type: none"> Working as an ETL Resource. Fetching data using Sqoop jobs then moving it from traditional data sources to HDFS. During initial 6 months used Hive QL (HQL) for data analysis, Filtering and standardization. Used Concepts such as Hive internal, External tables, Partitions (Static and Dynamic), Bucketing, Vectorization etc. Worked on Text, Sequence, RC, ORC file formats. Aware about the Hadoop, Hive architecture and its working. After six months successfully moved the analysis part from Hive to Spark SQL and Pyspark. And currently successfully working in Spark SQL, Pyspark and Python. Aware about the concepts of RDD, Data-frame and Datasets. Aware about spark architecture and methods related to RDD and Data-frames. Implemented PNL and PV reports using Python OO concepts and UDF's. <p>Related Keywords: Big Data, Hadoop, HDFS, Hive, Sqoop, Flume, Spark, Spark SQL, PySpark, Basic Python, Hedge Accounting, ETL, Business Analysis, Business Development, banking and Finance.</p> <p>Module 2: iHAP (Integrated Hedge Accounting Platform) Role: Oracle PL/SQL Developer (Technical & Functional Development)</p> <ul style="list-style-type: none"> As part of hedge accounting platform, created and supporting various oracle packages for matching and hedge accounting process. Working as a functional consultant for this module. Using different terminology related to oracle SQL, PLSQL such as procedures, packages, cursors, triggers collections, and Pragmas etc. Done various query optimization, tuning related tasks. Aware about execution plans and other optimization techniques. Good analytical skills in query writing, creating different kinds of queries according to user's request. Following the agile work model for the project. Using Jira and service now for development and support related tasks. <p>Related Keywords: Oracle SQL, PL/SQL, SQL, PLSQL, Hedge Accounting, ETL, Business Analysis, Business Development, banking and Finance, Trading.</p> |
|--|---|

| | |
|--|--|
| <p>Allstate Solutions Private Limited, Pune (Apr 15 – May 16)</p> | <p>Project Name: Allstate Motor Club (ARS) Role: Consultant (Individual Contributor)</p> <ul style="list-style-type: none"> • Worked as an individual contributor. The main purpose of the project was to take the knowledge and product in-house from vendor. • Project is related to roadside assistance program, organized by Allstate, in united states. • I worked on registration module. By which one can sign up for roadside assistance services. There were various medium by which one can register themselves to the program. • Successfully gained the transition from vendor and started supporting and developing various solutions. • As part of Technical team worked on Oracle PLSQL, SQL, Performance Tuning, Query Optimization, Unit testing related activities. • As an individual contributor handled functional part like business requirement discussion, Analysis, requirement Gathering. <p>Related Keywords: Oracle PLSQL, SQL, Oracle SQL Developer, Toad, JIRA, ServiceNow, Business requirement Gathering, Performance tuning, Query Optimization, Development, Support L3</p> |
| <p>Tata Consultancy Services, Mumbai (Dec 11 – Mar 15)</p> | <p>Client: National Commodity & Derivative Exchange Limited of India (Client Location) Role: Technical & Functional Lead for Control Module (Jan 13 – Mar 15) + Team Member (Dec 11 – Dec 13)</p> <ul style="list-style-type: none"> • Part of the core trading team. Handled control module for 2.5 years and control user's requests. • Learnt various terminology related to trading like: Orders, Order types, Trade, Derivative, Future, Options, Bonds, Margins, Square-offs, MTM, Clearing, Settlement etc. • Successfully completed Commodity market module certification from NCFM. • Involved in requirement gathering, Analysis, Effort Estimation, Development, Unit Testing. • As a part of module leader, dealt with the clients in regular standups, meetings and discussions. • On Technical front worked on Oracle PLSQL, SQL, Performance Tuning, Query Optimization. • Using different terminology related to Oracle SQL, PLSQL such as procedures, packages, cursors, triggers collections, and Pragmas etc. • Good analytical skills in query writing, creating different kinds of queries according to user's request. • Done various query optimization, tuning related tasks. Aware about execution plans and other optimization techniques. • Received multiple appreciation, Highest rating and awards from clients. • Certificate on Commodity Market Module from National Stock Exchange. <p>Related Keywords: Oracle PLSQL, SQL, Oracle SQL Developer, Toad, JIRA, ServiceNow, Business requirement Gathering, Performance tuning, Query Optimization, Development, Support SL3, Commodity Market, Capital Market, Clearing, Settlement, Trading, Matching Logic</p> |

| SKILLS | |
|------------------|--|
| Technical | Big Data, Hadoop, HDFS, Hive, Spark, Spark SQL, PySpark, Basic Python, Kafka, Oracle SQL, Oracle PLSQL |
| Functional | Trading, Clearing, Settlement, Hedge Accounting, Commodity, Capital Market, Futures, Options, Order types, Derivatives, Forwards |
| PERSONAL DETAILS | |
| Pan Card | CCAPS8122F |
| Present Address | A1/301, Gagan Vihar Society, Market Yard, Gangadham, Pune - 411037 |