

Garima Agrawal

Professional Qualification :

- ✓ SASPredictive
- ✓ Big Data and hadoop
- ✓ GNIIT
- ✓ N+ in Network Technology
- ✓ Master Degree in Ars
- ✓ Pursuing Onlive course from Big Data University

Areas of Expertise:

Scripting Languages	Java, python, scala, HTML, CSS, Java Script.
Big Data Ecosystems	Hadoop, MapReduce, HDFS, HBase, Zookeeper, Hive, Pig, Oozie.
NoSQL Databases	HBase, Cassandra, R Integration.
Low Latency Query Tools	Spark SQL, Impala and Drill.
Data Ingestion Tools	Sqoop, Flume and Kafka.
Databases Knowledge	SQL, MySQL, Data Mining using SAS.
Frameworks	Spark Seam, Hadoop.
Java IDEs	Eclipse.
Databases & Tools	MYSQL, SQL, Eclipse, Putty, WinScp
Platforms	Windows (10 pro/7 pro).
UNIX Tools	Apache
Testing Tools	Eclipse, Putty.

Professional Experience: A Learning Synopsis

Entity: ICICI Prudential AMC Ltd (Corporate Office) - June-15 to Oct-16

- Υ **Workprofile:** I was associated with ICICI PRU as a consultant's software developer for one year and 6 months. During that period I was majorly handle Application & Database Management. Mainly I was handling Citrix Zen for application like Mfund and Quantis, also manage database management in Chakravyuh software of scheme folio details through server 2 server. Online database management of various stock exchange with high level macros to make Attribution report for NAV & PMS teams, and also looking Software installation/permission, Hardware installation, database backup/rollback/update.

Exposed to:

- Υ Resolving scheme difference issues in Chakravyuh with advance level SQL daily basis.
- Υ Implementation of MFI-V6 (Mutual Fund Explorer) for end to end users.
- Υ Online resolution of OCR request of users for different applications like Mfund, Quantis, chakravyuh and Marketing logistic etc.
- Υ User management & database management in Sermo plus application & Velox compliance application.
- Υ Proving individual system Firewall access for accessing particular applications.

Project Handled:

Project .1

Project Name	:	MFI-V6 (Mutual Fund Explorer)
Client Name	:	ICICI PRU AMC (BKC Branch)
Environment	:	End to End User
Duration	:	Jun 2016 to Oct 2016
Role	:	Database Administrators
Team	:	3 People

Description:

MFI Explorer, a mutual fund analysis tool, addresses complete research and analysis requirement for both fund advisory and fund management industry. The desktop application is powered by the most comprehensive and authentic industry data and numerous benchmark information to help you analyse fund's performance and portfolio and compare it with peer-group or a benchmark index.

Roles and Responsibilities:

1. Analyze fund performance with returns and ratios
2. Resolve how portfolio was churned over different periods of time with details at company or sector level.
3. Create Fund of Funds and compare its performance with any other scheme or index.
4. Create composite indices and use it along with standard indices to benchmark your scheme set.
5. Save time on generating your frequently used reports by creating templates and automatically updating data from the spreadsheet using MS-Excel.

Project: 2 Semester assignment

Project Name	:	Customer360
Environment	:	Hadoop, Sqoop, Apache Pig, Hive, HBase
Duration	:	Nov 2016 to Mar 2016
Role	:	Lead Hadoop Developer
Team	:	4 People

Description:

With the advent of technologies such as mobile devices, video customer support, online communities, social media platforms, and more, the various touch points with which customers may interact has proliferated, which can make the task of aggregating the data from these various interactions more difficult to achieve.

The 360-degree customer view is the idea, sometimes considered unattainable, that companies can get a complete view of customers by aggregating data from the various touch points that a customer may use to contact a company to purchase products and receive service and support. This POC demonstrates how Customer 360 can be implemented using Hadoop and NoSQL Databases.

Roles and Responsibilities:

- Understanding the client requirements and showcase a working POC.
- Sqoop scripts for daily Ingests from Server DB to Hadoop.

- Develop Apache pig scripts for performing ELT on hadoop.
- Persisting results on HBase. Key features are random read/ write and on the fly columns addition.
- Enabling access from hive to finance, marketing, accounts etc.
- Integrate the same in Oozie as a workflow for daily scheduling.

Project: 3 Semester assignment

Project Name : Retail Data Analysis
Duration : Nov 2016 to Mar 2017
Technologies : Apache Pig, Hive
Team : 3 People

Description:

Retail stores daily generate millions of transactions logs. Analyzing these logs would generate beautiful insights and improve business. Storing these logs on traditional databases would be costly and scalability will be a big challenge.

Personal Summary:

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