PRASHANT KUMAR

Big Data Engineer/Developer
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CAREER OBJECTIVE

To work in an environment which help me to enhance my knowledge and technical skills for self development as well as achieving organizational goals.

PROFESSIONAL SUMMARY

Total experience of **almost 7 years & 2 months in IT**, **4 years & 2 months** of experience in **Big Data Technologies and** around **3 years** experience Automation using **Selenium java.**

- Good knowledge of Hadoop ecosystem, **HDFS, Big Data, PySpark**.
- Worked on **PySpark** and have knowledge of **Spark Archtechure**.
- Worked on **PySpark RDD, DataFrame, SparkSQL**
- Worked on AWS Cloud, S3 Bucket, EC2
- Optimization in Spark.
- Working knowledge on **Python.**
- Hands on Experience in working with ecosystems like **Hive, Sqoop, Map Reduce**.
- Understanding of **Partitioning and Bucketing** in Hive .
- Working Knowledge of **Hadoop Cluster architecture and Hive Architecture.**
- Worked on basic SAS.
- Efficient in building hive, pig and map Reduce scripts.
- Implemented Proofs of Concept on Hadoop and different big data analytic tools, migration from different databases to Hadoop.
- Loaded the **dataset into Hive** for ETL Operation.
- Experience in using **DBvisualizer**.
- Good analytical and technical skills with strong interpersonal, written and verbal communication skills.

SOFTWARE SKILLS

- Development Tool   : Jupyter Notebook, IntelliJ,Eclipse, Netbeans.
- Big data Processing Tool : **HDFS, Hadoop Map Reduce, Hive, PySpark, SparkSQL, SAS.**
- Cloud   **:** AWS Cloud, S3 Bucket, EC2 Instance
- Automation testing   : Selenium Webdriver with java, Robot framework(uses selenium libraries),Maven.
- DevOPS Tools   : **Jenkins, Airflow**
- Language   : Core Java, Python
- Database   : MySQL
- Other Language   : SQL
- Tools Used   : FileZila, DB-visualizer, JIRA, Putty, WinSCP

Current Company : **UNITED HEALTH GROUP**
Duration : **10-Sep-2018 to Till Date**
Job Designation : **Big Data Engineer**

Project	NewMember Project
Description	It is the dashboard having full analysis, trends, information and comparison of new members joined in UHC insurance plan in current year and previous year.
Role	Big Data Engineer
Roles & Responsibility	1. Extracted the data from source using **Sqoop** and storing it in **Hive warehouse.** 2. Developed the **PySpark application** for the requiremnts. 3. Processing of data using **PySpark with Spark core, Spark SQL.** 4. Worked on **Python & Python Libraries**. 5. Worked on **Hadoop** Cluster 6. Storage of files in **HDFS**. 7. Analytics in **PySpark** . 8. Automation/scheduling Job using **Airflow** 9. Monitoring the storage activities . 10. Attending scrum meetings 11. Maintenance of the project. 12. Following **Agile Methdology.**

Project	Registration Dashboard
Description	Dashboard for Registered active member on portal in UHC. Objective is to get the insights like how many members are visiting portal before or after enrolled in Heath care Plan.
Role	Big Data Engineer
Roles & Responsibility	1. Extracted the data from source using **Sqoop** and storing it in **Hive warehouse.** 2. Developed the **PySpark application** for the requirements. 3. Processing of data using **PySpark with Spark core, Spark SQL.** 4. Worked on **Hadoop** Cluster 5. Storage of files in **HDFS**. 6. Analytics in **PySpark** . 7. Automation/scheduling Job monthly using **Airflow**. 8. Monitoring the storage activities . 9. Attending scrum meetings.

Project	Operations Dashboard
Description	This dashboard visualises the active members, call data, grievance data for last 2 years and its comparisons to get insights for business decisions.
Role	Big Data Engineer
Roles & Responsibility	1. Extracting Data from source using **Sqoop**. 2. Storage of files of Smart data bundle project in **HDFS**. 3. Processing of data using **hive.** 4. Developing the Hive Code. 5. Analytics in **Hive** . 6. Automation/Scheduling the Hive Script. 7. Monitoring the storage activities.

Company 2   :   **ORANGE BUSINESS SERVICES**
Duration   :   **25-May-2016 to 03-Sep-2018**
Job Designation   :   **Big Data Engineer**

Project	Smart Data bundle
Description	• "Smart Data Bundle" is an application developed by Orange for sharing the any type of data-sets by users . • Data is Organized in order of every Smart City and every smart city registered user would have permission to Upload the data over the application. • User can download the data uploaded by other User for any analysis. • There are different types of users like Data Owners, Data Publishers, Smart Users. All have different permissions according to their access.
Role	**Big Data Engineer and Automation Engineer**
Roles & Responsibility	1. Storage of files of Smart data bundle project in **HDFS**. 2. Processing of data using **pig or hive**. 3. Worked on **Hadoop cluster**. 4. Monitoring the storage activities . 5. Attending scrum meetings. 6. Automation/scheduling of script. 7. Automation of Test cases of the applications using **Selenium Python** on Pycharm. 8. Working in **Agile Methodology**- having **Scrum** and **Sprint** of 3 Weeks.

Project	Newmail(Product)
Description	It is a Email Server.
Role	**Automation Test Analyst**
Roles & Responsibility	1. Automation testing using **Selenium Webdriver with Java** and Robot framework which uses selenium libraries. 2.Creating Test Scenario ,Test Cases and Execution of those Test Cases. perform Integration testing, Functional testing, and Regression Testing. 4. Logging the bug on Quality center. 5. Execution of Test Suite using **Jenkins.**

Company 1   :   **ADEPTIA INDIA PVT. LIMITED**
Duration   :   **2 years 3 months (**03-March-2014 to 06-May-2016)
Job Designation   :   Software Engineer

Project	Adeptia Suite(Product)
Description	Adeptia Suite is an Integration business product.
Role	Software Tester
Roles & Responsibility	1.Automation testing using **Selenium Webdriver with Java.**
	2. Manual testing, Functional testing.
	3.Creating Test Scenario ,Test Cases and Execution of those Test Cases perform Integration testing, Functional testing, and Regression Testing.
	4. Logging the bug on JIRA.
	5. Working in **Agile Methodology**- having **Scrum** and **Sprint of 3 Weeks**.

ACADEMIC PROFILE

Year(s)	Qualification– Degree	Board/ University	College/Institute	Percentage
2014	B. Tech (Computer Science and Engineering)	U.P.T.U	Hindustan College of Science and Technology, Mathura	67%
2010	Intermediate	U.P. board	Gyansthaly public school , Jhansi	75.4%
2008	High School	U.P. board	Gyansthaly public school , Jhansi	66.66%

Additional Information/ Achievements

- Worked as a team leader for a team of 3 interns in TATA CMC during Summer Training.
- Took part in Table tennis tournament and football tournament.
- Won Best mid fielder in Football tournament.