KARTHIKRAJA   **Mobile📞 :** +91 - 9886600845

Hadoop Developer   **Email📧 :** karthikrajha@hotmail.com

Professional Summary:

- Technically sophisticated Professional with around 5 years of experience in the areas of Software Developing & Programming as Technology Analyst at "Infosys Ltd".
- Hadoop Developer with 2 years of expertise in Big Data technologies – mainly in Core Hadoop, Sqoop, Map Reduce, Hive, Spark, and Oozie.
- Experience in Hadoop File System and other Hadoop eco systems like Sqoop, Hive and YARN architecture (Hadoop 2.x) SPARK Scala.
- Good understanding of YARN components like Resource Manager and Node Manager.
- Efficient in performing data analysis through Hive for viewing the data in HDFS for different business nodes.
- Extensive use of Hive for snapshot and delta load in HDFS. Worked on performance optimization in Hive.
- Read data from source and push it to Resilient Distributed Dataset (RDD) and exported the results back to HDFS for business user.
- Excellent Knowledge and experience in creating source to target mapping, validation, transformation and business rules.
- Capability and experience in Agile methodology like SCRUM.

Technical Skills:

Languages	Map Reduce, HDFS, Hbase, Scala, Hive, Oozie, Sqoop and Kafka
Framework	Hadoop and Spark
Operating Systems	Windows and Cloudera
Methodologies	SDLC (Waterfall Model) and Agile

Experience Details:

Project Name: Global Employee Management Systems

Project Period: Jan'16 to till Date

Role: Hadoop Developer

Description:

GEMS is an application where IT log analytics is done by IT solution which generate an enormous quantity of logs and trace data. Organization with a large IT department will Benefit from the ability to quickly identify large-scale patterns to help in diagnosing and analyzing the employee's records like swipe in and out details, Competency development tracking like Trainings and certifications, logging work effort etc., thereby providing the ability to identify incremental performance optimization opportunities.

Role and Contribution:

- Involved in loading data from RDBMS into HDFS using Sqoop.
- Worked in Sqoop jobs with Incremental load to update Hive external tables.
- Worked on partitioning and used bucketing in HIVE tables and running the scripts in parallel to improve the performance.
- Performed Data enrichments such as filtering, pivoting, format modeling, sorting and aggregation using Hive.
- Monitored Oozie workflow to run scheduled batch cycles and present data for reports.
- Batch Script analysis and execution in Putty Tools.
- Processing Hive tables using Spark and making the final data available for Reports.
- Initiated POC on spark framework to handle streaming data process.

Project Name: SAP Payroll Workbench (PWB).

Project Period: Sep'13 to Dec'15

Description:

The Payroll Workbench application will automate the process of integration of payroll processing web applications with SAP Payroll. It will provide the integration interface to upload the payroll data to SAP. The business user will be able to view and download the data transaction details from various sources to work bench. There will be maker and checker process to validate the data. Then approved data will be pushed to SAP payroll for current month.

Role and Contribution:

- Coding (Front end and Business logic implementation) and maintaining the modules.
- Develop and reviewing artifacts (Documentation, Unit test scripts), perform validation activities (Unit, integration, User experience).

- Prepare and review system appreciation documents, build repository of team's collective knowledge, seek information and leverage knowledge from other projects to drive higher efficiency and effectiveness.
- Solving major and critical tasks to provide right information to customers for overall project enhancement.
- Post production support activities, interface with customer to clarify issues and ensure fix in timely manner.

Achievements:

- Received INSTA Award for appreciation validation batch job optimizations.
- Received IS EXTRA MILLER award.
- Received IS DOMAIN CHAMPION award.

Education:

- B.Tech. in Information technology from Sree Sowdambika College of Engineering, in 2009 with 72%.

Personal Information:

- Name   : Karthikraja Moorthy
- Gender   : Male
- Date of Birth   : 03rd May 1988.
- Marital Status   : Single
- Nationality   : Indian
- Passport No (Expiry Date)   : H6827021 (08 Sep 2019)
- Languages   : English, Tamil
- Address   : S/O P. Moorthy,
  2/24, South Street,
  P.Thottiyapatti. (P.O),
  Peraiyur. (T.K),
  Madurai- 625703.

I hereby declare that all the above information is true to the best of my knowledge and belief.

Date: (KARTHIKRAJA)