**Name:Prabakaran.K Cloudera Certified Developer (CCDH)**

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**Summary:**

* HaveHAVEHaving around 2years of development experience in **Scala,Spark,** **Hadoop, MapReduce, Hive, Sqoop Pig and oozie**.
* Having 8+ years of experience in **Software Design & Development** and**Team Management**.
* Having good experience in **Java, J2EE(JSP, Java Beans, Servlets, Struts, EJB, JDBC), HTML, JavaScript, Hibernate** and **Oracle, SQL**.
* Having good experience in different Operating System like **Windows, Linux and UNIX**.
* Having good experience in **all phases of SDLC**with **Strong Programming Skills and interest to learn new technologies.**

**Education Details:**

**Master of Science in Software Engineering** from Periyar University, Passed out in 2004 with 69%.

**Technical Skills:**

**Big Data:** Hadoop, MapReduce,Hive,Sqoop and Pig

**Languages:** Java, J2EE (JSP, Java Beans, Servlets, Struts, EJB, JDBC), HTML, XML, Jasper Reports, JavaScript, Hibernate

**Database:** Oracle, SQL

**Web/Application Servers:** JBOSS, Weblogic, Tomcat and WebSphere

**Development IDE:** Eclipse & IntelliJ.

**Operating Systems:** Microsoft Windows-95, 98, NT, 2000, XP, Suse Linux 10,Ubuntu

**Version control Tools:** Clear Case, VSS, CVS

**Experience:**

**Apr 2016 to till date Senior Associate Cognizant Technologies Pvt Ltd**

**Jul 2010 to Mar 2016 Senior Consultant CSC Technologies Ltd**

**Hadoop Projects:**

**Project:** Product Visibility

**Client:** Abbvie, US

**Organization:**Cognizant

**Role:** Application Design and Developer

**Technologies Used:** HDFS, Hive,Scala,Spark,Hbase and Python.

**Description:**

Product visibility system is used to analysis the feeds from different system.And updated in Hbase.And also trigger mails to users in case of failures in any system.

Reading the hive tables, xml data, and loading into Hbase table.Applied the business functionality in between the data transmission. Finally , the Hbase data accessed by dotnet layer for visualization.

**Project:** Shipment visibility

**Client:** Abbvie, US

**Organization:**Cognizant

**Role:** Application Design and Developer

**Technologies Used:** HDFS, Hive,Pig,Phoenix,Hbase and Oozie.

**Description:**

Shipment visibility system is used to track the shipment status by Air,Ship and truck of Abbvie. Monitor the inbound and outbound movement of goods at the shipment.Based on alerts created mailed the status and content to all the stake holders. Material Master Xref is a pass through system, it pushes the BATMAS and MATMAS file from SAP to JDA without any transformation logic. SAP generates inbound files needed for Material/SKU Xrefernce interface. TIBCO pulls the files from SAP using FTP protocol and drops into HDFS. The inbound XML file undergoes XML Parser framework to load to data lake layer and generates Material/SKU Cross-reference outbound file on a daily basis. TIBCO is used to push the file from HDFS/Hadoop to Informatica. Informatica applies some transformation logic and sends the valid SAP Material / SKU cross-reference to JDA.

**Project:** Feed Analysis System

**Client:** FORD, UK

**Organization:**CSC

**Role:** Application Design and Developer

**Technologies Used:** HDFS, Map Reduce,Hive and Sqoop.

**Description:**

Feed Analysis System is implemented in traditional way to analyze the feeds which are collected from different system like General extract and Dealer Information System. We need to generate the consolidated incentives analyze information report from these data. We have imported these data into HDFS to implement FAS in Hadoop. We have implemented this application in Map Reduce & Hive to provide the required information. We have exported the output of Map Reduce and Hive back into oracle table using Sqoop.

We have reduced the total process time from 12 hours to 4 hours by implementing this solution in Hadoop Technologies.

**Project:**Json Report Generator

**Client:** FORD, UK

**Organization:**CSC

**Role:** Application Design &Developer

**Technologies Used**: HDFS and Hive

**Description:**

This project is to demonstrate the flexibility of loading the Json data into HDFS and processing the same using HIVE. We have Json format data in existing project and required to analyze these Json data to retrieve the customized information. We have developed andexecuted a POC to load this JSON data into HDFS and filter the required information by using Hive query. We are able to process the JSON data using Hive query.

**Responsibilities:**

* Application Design and Development
* Unit Testing
* Implementation and Co-ordination with Clients and Other team

**Other Projects:**

**Project:**Marketing Programming System

**Client:** FORD, UK

**Organization:** CSC

**Role:** Application Design &Developer

**Technologies Used**: Java, Struts, JRules7, Oracletoplink, WebSphere, Hibernate,Spring,ORACLE XE &Unix shell script.

**Description:**

MPS2 is a web application allowing to create campaigns for FORD dealers all over Europe market. MPS2 is a payment generating system based on campaigns created with the help of JRules7.Campaign will have different levels (Draft, Unit Test, Frozen and Live) and also have different level of approvals. JRules7 is integrated with system to generate rules for campaigns based on markets, dealers etc. We have used UNIX shell script to get files from upstream to process it.Generating analysis report using Hadoop.

**Responsibilities:**

* Application Design and Development and Unit testing
* Interacting with Client and Conducting the Code review

**Project:** WebOscar

**Client:** FORD, UK

**Organization:** CSC

**Role:** Application Development

**Technologies Used**: Java, Struts,WebSphere & ORACLE XE

**Description:**

Web Oscar is a web application allowing the electronic specification of new parts (web 1295), updating of existing parts (web 1296) and obsolescence management or electronic requests for disposal of inactive material (web1621) and also includes the approval hierarchy based on the plant, request type and the monetary value. Web Oscar has integration with the Mainframe Application OSCAR (Online Stock Control and Reordering) where the approved data from the Web Oscar is finally uploaded to OSCAR.

**Responsibilities:**

* Application Development and Unit testing.
* Conducting the Code review & interacting with client.

**Jan 2009 – Jun 2010 Program Analyst Scintel Technologies Ltd**

**May 2008 – Dec 2008 Software Engineer HCL Technologies Ltd**

**Feb 2007 – Apr 2008 Software Engineer Aris Global Ltd**

**Project:** Order Monitor

**Client:** Parago, US

**Organization:** Scintel

**Role:** Team Lead

**Environment**: Java, Struts, EJB, Hibernate, JBOSS, ORACLE XE

**Description:**

This is the web based application to develop the dashboard based on time entry for Parago IT support resources. It will provide information about the number of open task and progress of the task with task information and status. Also user can create the new task and assign the task to other associates using this web page. Also it will provide the queued task with respect to the individual logged in user.

**Project:** Campaign ManagementPortal

**Client:** Parago, US

**Organization:** Scintel

**Role:** Team Lead

**Environment**: Java, Struts, EJB, Hibernate, JBOSS, ORACLE XE,Jasper report

**Description:**

Campaign Management Portal is Parago's proprietary software application that streamlines and improves the entire rebate processfrom campaign design to post-campaign analysis. CMP is a completely integrated web-based system, which means that once a rebate submission is entered, its information is immediately available in online to clients, customers and account managers. Every month it handles thousands of promotions and millions of transactions. Because CMP is a "rules-based" application, setting up even the most complex promotion is simple. It is specifically designed to manage promotional campaigns. CMP has in built many fraud detection tools as a result Parago boasts the most accurate invalid/valid rate in the industry.

**Responsibilities**:

* Application Design
* Interacting with client and Involved in code review
* Guide the team members and involved in task allocation.

**Project:** Data Met

**Client:** CITI, Singapore

**Organization**: HCL

**Designation:** Software Engineer

**Environment**: Struts, JSP, Servlets, JfreeChart, Oracle 9i,Jasper report

**Description:**

The Data Met project developed for analyzing and calculating the metrics for the BPO team of HCL. It is basically for data and trend analysis for management enabling services. Through this application user will enter the static data by using GUI module, upload daily data by using the excel upload module. We can generates reports by using the daily uploaded data in different form like chart, bar etc. We would be able to get the actual numeric value by clicking the any location in the graph.

**Project:** Adverse Reaction Information System

**Client:** PFIZER, JAPAN

**Organization**: Aris Global

**Designation:** Software Engineer

**Environment**: Struts, JSP, Servlets, JfreeChart, Java Script, Oracle 9i, Eclipse

**Description:**

Adverse Reaction Information System is a web-based Health care Product to automate the different functionalities of the Health care product information systems. The major functionalities are AER, Literature, Document Management Option, Admin, Report etc. The AER module consists of data entry, product information, patient information. Also Literature module consists of individual information which having important information to be attached with the AER module.

**Responsibilities**:

* Application Development, Preparing test case document and Unit Testing
* Involved in Bug fixing

**K.Prabakaran**