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## **Professional Summary:**

* Over 7+years of IT experience in analysis, design and development using **Hadoop, Java and J2EE.**
* 2.5 years of experience with **Hadoop, HDFS, Map Reduce** and **Hadoop Ecosystem (Pig & Hive**).
* Have hands on experience in writing **MapReduce**jobs using Java.
* Hands on experience in writing **pig Latin scripts and pig** commands.
* Hands on experience in installing, configuring and using ecosystem components like Hadoop **MapReduce, HDFS, Sqoop, Pig & Hive**
* Experience in database development using SQL and PL/SQL and experience working on databases like **Oracle 9i/10g**, Informix, and SQL Server
* Experience working on **NoSQL** databases including **Cassandra, MongoDB and Hbase**.
* Experience using **Sqoop**to import data into **HDFS** from **RDBMS** and vice-versa.
* Extensive experience in Java and J2EE technologies like **Servlets, JSP, JSF, JDBC, JavaScript, Ext JS,hibernate, and Junit testing.**
* Experience in **Restful** web services using **JAX-RS API**
* Experience in implementing MVC, struts, and spring
* UNIX shell scripting, resource manager scheduler experience
* Expertise in developing web based GUIs using servlets, JSP, HTML, JavaScript, CSS
* Expertise in using J2EE application servers such as **IBM Websphere 6.x/7.x, JBoss and web servers** like **apachetomcat**.
* Experienced in **java GUI/IDE** Tools using Eclipse, RSA
* Experienced in database GUI/IDE Tools using **TOAD**, SQL Developer and Queryman
* Effective team player and excellent communication skills with insight to determine priorities, schedule work and meet critical deadlines.

**TECHNICAL SUMARY:**

**Big Data**

**Ecosystem** : Hadoop, Map Reduce, HDFS, HBase, Zookeeper, Hive, Pig, Sqoop,

Oozie, Flume and Talend

**Java Technologies** : Java 5,Java 6, JAXP, AJAX, I18N, JFC Swing, Log4j, Java Help API

**Methodologies**  : Agile, UML, Design Patterns

**Database** : Oracle 10g, DB2,MySQL, No sql (MongoDB)

**Application Server** :Apache Tomcat 5.x 6.0, Jboss 4.0

**Web Tools** : HTML, Java Script, XML, DTD, Schemas, XSL, XSLT, XPath, DOM, XQuery

**Tools**  : SQL developer, DB visualize

**IDE** / **Testing Tools** :NetBeans, Eclipse, WSAD, RAD

**Operating System** : Windows. Linux

**Scripts**  : Bash, Python, ANT

**Testing API** : JUNIT

PROFESSIONAL EXPERIENCE:

BlueCross & BlueShield, Lansing, MI **Apr’2013 – Till date**

**Big Data / Hadoop Developer**

**Project: Big Data as Service**

**Description:**Big Data as a service is a project particularly designed for serving the business partners which involves in collecting the data of all the historic claims and loads that into Big Data platform. It also involvesassigning a personal physician for each and everypatient respective to particular area.

**Responsibilities:**

* Have setup the 64 node cluster and configured the entire Hadoop platform.
* Migrating the needed data from MySQL& Mongo DB into HDFS using **Sqoop** and importing various formats of flat files into **HDFS.**
* Mainly worked on Hive queries to categorize data of different claims.
* Integrated the **hive** warehouse with **HBase**
* Written customized **HiveUDFs** in Java where the functionality is too complex.
* Designed and created Hive external tables using shared meta-store instead of derby with partitioning, dynamic partitioning and buckets.
* **HiveQL**scripts to create, load, and query tables in a Hive.
* Generate final reporting data using **Tableau** for testing by connecting to the corresponding Hive tables using Hive ODBC connector.
* Supported **Map Reduce** Programs those are running on the cluster
* Maintain System integrity of all sub-components related to Hadoop.
* Maintained System integrity of all sub-components (primarily **HDFS**, **MR**, **HBase**, and **Hive**).
* Monitored System health and logs and respond accordingly to any warning or failure conditions.
* Presented data and dataflow using **Talend** for reusability.

**Environment**:Apache Hadoop, HDFS, Hive, Map Reduce, Java, Pig, Sqoop, Cloudera CDH4, MySQL, Tableau, Talend, Elastic search, Kibana, SFTP

### John Hancock, Boston, MA Jan 2012 – March 2013

**Hadoop Developer**

**Description:**

Existing Card management system is developed on data warehousing frame work, since data processing and data collection is time consuming and the enhancement is cumbersome. The New system has been built on Big data platform can process very large volume of data with low latency.Phase by phase the system designing is convert all the large volume of data process through the Hadoop frame work and the output/intermediate result will be transmitted to warehouse platform for reporting. The current phase involves fraudulent reports generation to meet customer demand. Data processing is done on Hadoop frame work to generate rule base various Fraud detection reports like Fraudulent customers, Fraudulent merchants etc…

**Responsibilities:**

* Develop JAVA **MapReduce** Jobs for the aggregation and interest matrix calculation for users.
* Run clustering and user **recommendation agents** on the weblogs and profiles of the users to generate the interest matrix.
* Lead &Programmed the recommendation logic for various clustering and **classification** algorithms using JAVA.
* Experienced in managing and reviewing **Hadoop** log files
* Create and maintain Hive warehouse for **Hive** analysis.
* Run various **Hive** queries on the data dumps and generate aggregated datasets for downstream systems for further analysis.
* Use Apache **Scoop** to dump the data user data into the **HDFS** on a weekly basis.
* Involved in creating Hive tables, loading with data and writing hive queries which will run internally in map reduce way
* Generate test cases for the new MR jobs.
* Prepare the data for consumption by formatting it for upload to the UDB system.

**Environment:** HDFS, Apache Pig, MapReduce, Java, Hive,Sqoop, Text Analytics, Shell scripting

**Ally Financial (GMAC), MI May ’2010 – Dec ‘2011**

**Sr.Java Developer**

**Description:** Ally Financial Inc., previously known as GMAC Inc (General Motors Acceptance Corporation) is a [bank holding company](http://en.wikipedia.org/wiki/Bank_holding_company) headquartered in [Detroit](http://en.wikipedia.org/wiki/Detroit), [Michigan](http://en.wikipedia.org/wiki/Michigan), [United States](http://en.wikipedia.org/wiki/United_States) at Tower 200 of the [Renaissance Center](http://en.wikipedia.org/wiki/Renaissance_Center). The bank has more than 15 million customers worldwide and provides a range of financial services including auto financing, corporate financing, insurance, mortgage services, and online banking. The company's Global Automotive Services offer retail auto financing and leasing.

**Responsibilities:**

* Responsible for requirement gathering and analysis through interaction with end users.
* Lead the team in designing use-case diagrams, class diagram,interaction using UML model with Rational Rose.
* Designed and developed the application using various design patterns, such as session facade,business delegate and service locator.
* Worked on Maven build tool.
* Involved in developing **JSP pages using Struts custom tags,JQuery and Tiles Framework.**
* Used JavaScript to perform client side validations and Struts-Validator Framework for server-side validation.
* Good experience in Mule development.
* Developed **Web applications with Rich Internet applications using Java applets,SilverLight,JavaFX.**
* Involved in creating Database SQL and PL/SQL queries and stored Procedures.
* Implemented Singleton classes for property loading and static data from DB.
* Debugged and developed applications using Rational Application Developer (RAD).
* Developed a Web service to communicate with the database using SOAP.
* Developed **DAO** (data access objects) using Spring Framework 3.
* Deployed the components in to WebSphere Application server 7.
* Actively involved in backend tuning SQL queries/DB script.
* Worked in writing commands using **UNIX,Shell scripting.**
* Involved in developing other subsystems’ server-side components.
* Production supporting using IBM clear quest for fixing bugs.

**Environment:**Java EE 6, IBM WebSphere Application Server 7, Apache-Struts 2.0, EJB 3, Spring 3.2, JSP 2.0, WebServices, JQuery 1.7, Servlet 3.0, Struts-Validator, Struts-Tiles, Tag Libraries, ANT 1.5, JDBC, Oracle 11g/SQL, JUNIT 3.8, CVS 1.2, Rational clear case,Eclipse 4.2,JSTL,DHTML

**MetLife Insurance Somerset, NJ Jan’2009 - April’2010**

**Java J2EE Developer**

**Project: Disability Income Maintenance and Enhancement Application**

Disability Income Application is used for the Underwriting and Administration of Disabilities products. This is a Maintenance and Enhancement Project for Individual and Institutional policies of MetLife.

**Responsibilities:**

* Coded the business methods according to the **IBM Rational Rose UML model.**
* Extensively used **Core Java, Servlets, JSP and XML.**
* Used **Struts 1.2** in presentation tier.
* Generated the **Hibernate XML** and **Java** Mappings for the schemas
* Used **DB2** Database to store the system data
* Used **Rational Application Developer (RAD)** as **Integrated Development Environment (IDE).**
* Used unit testing for all the components using **JUnit.**
* Used **Apache log 4j** Logging framework for logging of trace and Auditing.
* Used **Asynchronous JavaScript and XML (AJAX)** for better and faster **interactive Front-End**.
* Used **IBM Web-Sphere** as the **Application Server**.
* Used **IBM Rational Clearcase** as the version controller.

**Environments: J**ava 1.6, Servlets, JSP, Struts1.2, IBM Rational Application Developer (RAD) 6, Web sphere 6.0, iText, AJAX, Rational Clear case, Rational Rose, Oracle 9i, log4j.

**Client: Cirrus Global Solutions, Hyderabad, India Jul’2007- Nov’2008**

**JAVA Developer**

**Order Management Software**

Order Management Software manages the sales operation of organization. It manages the customers, orders, invoices and returns.

**Responsibilities:**

* Involved in the complete **SDLC** software development life cycle of the application from requirement analysis to testing.
* Developed the modules based on struts **MVC** Architecture.
* Developed The UI using JavaScript, **JSP**, **HTML**, and **CSS** for interactive cross browser functionality and complex user interface.
* Created Business Logic using Servlets, Session beans and deployed them on **Weblogic** server.
* Used MVC struts framework for application design.
* Created complex SQL Queries, **PL**/**SQL Stored procedures**, **Functions** for back end.
* Prepared the Functional, Design and Test case specifications.
* Involved in writing Stored Procedures in Oracle to do some database side validations.
* Performed unit testing, system testing and integration testing
* Developed Unit Test Cases. Used **JUnit** for unit testing of the application.
* Provided Technical support for production environments resolving the issues, analyzing the defects, providing and implementing the solution defects. Resolved more priority defects as per the schedule.

**Environment: J2EE, JSP, PL/SQL, HTML, CSS, Struts, JUnit**