**Praveen Kumar A**

## PROFESSIONAL SUMMARY

- **4.6** years of experience in IT industry include Design, Development in **Java** and Big Data Development using **Hadoop**.
- **2** years of experience in Big Data Development using **Hadoop** in Big Data and Hadoop ecosystem tools like **HDFS, Hive, Pig, Sqoop**.
- Strong knowledge in Core Java, JDBC, Servlets, JSP, Struts and Hibernate.
- Having **Cognos Reporting** experience using Cognos 8 BI Report studio and query studio.
- Created reports using List, Cross tab, and Chart templates in Report Studio.
- Hands on experience in using **Hadoop** Technologies such as **HDFS**, **HIVE**, **SQOOP**.
- Hands on experience in writing **Map Reduce** jobs in **Hive**, **Pig**.
- Hands on experience on importing and exporting data from different systems to Hadoop file system using **SQOOP**.
- Hands on experience on creating databases, tables and views in **HIVEQL** and **PIG LATIN**.
- Knowledge on **Zookeeper**.
- Having experience on Managing HDFS file system.
- Having knowledge on **HBASE.**
- Major strengths include the ability to learn new technologies quickly and adapt to new environments.

## EXPERIENCE SUMMARY

- Currently working as **Engineer – Software Engineering** in **HP (Hewlett Packard)** from Feb 2015 – till date.
- Worked as **Associate Consultant** in **CapGemini India Pvt Ltd** from January 2012– November 2014.
- Worked as Software Engineer **Veon Technologies, Bangalore** *from* January 2011 – December 2011.

## SKILLS/TOOLS

| | |
|---|---|
| BIG DATA Technologies | HDFS, MAPREDUCE, HIVE, PIG HBASE, SQOOP, FLUME |
| Languages | Java, J2EE |
| Frameworks | Struts |
| ORM | Hibernate |
| IDE's | Eclipse ,My Eclipse |
| Database | Oracle, MySQL |
| Reporting Tool | IBM Cognos 8 BI Report Studio & Query Studio |

## EDUCATION

- **BCA** (Bachelors of Computer Applications),2008 Bangalore University.
- **MCA** (Masters of Computer Applications),2011, SV University.

## PROJECT PROFILE

**Project: Web Analysis - Online Shopping**

Company          :  Hewlett Packard
Role             :  Hadoop Developer
Environment      :  Hadoop, Map Reduce, HDFS, Hive.
Duration         :   Jul 2015 – Till Date


Client is an upscale department store chain in the U.S.The purpose of the project is to store terabytes of log information generated by the ecommerce website  and extract meaningful information out of it.  The solution is based on the open source BigData s/w Hadoop .The data will be stored in Hadoop file system and processed using Hive  which includes getting the raw html data from the websites ,process the html to obtain product and pricing information,extract various reports out of the product, pricing information and export the information for further processing.

**Responsibilities:**

- Involved in analyzing the system and business.

- Involved in importing data from MySQL to HDFS using SQOOP.

- Involved in writing Hive queries to load and process data in Hadoop File System.

- Involved in creating Hive tables, loading with data and writing hive queries which will run internally in map reduce way.

- Involved in working with Hive for data retrieval process.

- Exported data from HIVE to Tableau reporting tool, created dashboards on live connection.

- Sentiment Analysis on reviews of the products on the client's website.

- Writing mapreduce programs.


**Project #5   :   Sony BSG – Universal Media**

**Company**      **:**  Hewlett Packard
Role             :  Hadoop Developer
Environment  :  Hadoop, Map Reduce, HDFS, Hive.
Duration         :  Feb 2015 – Jul 2015

The main objective of this project is to get the Sony universal music world data from the record company to HDFS as the main storage and management system and then perform the analysis on these data sets and transform the Sony universal music world data into given file specification formats. All records will be in fixed length, non-delimited with carriage return/line feed characters ending each line. Java and MapReduce, HIVE were used to perform the data validations and various analysis and then the formatted data with proper reporting will be sent to publishers.

**Responsibilities:**

- Involved in analyzing the system and business.
- Involved writing the data validation coding using JAVA.
- Involved in writing queries with HiveQL and Pig.
- Involved in database connection by using SQOOP.
- Importing and Exporting Data from Oracle to HiveQL.
- Importing and Exporting Data from HiveQL to HDFS.
- Process and analyze the data from Hive tables using HiveQL.

**Project #4    :   Log Analysis**
Role            :   Hadoop Developer
Environment  :   Hadoop, Map Reduce, HDFS, Hive, Flume.
Duration      :   Dec 2013 – Nov 2014


This project aims to move all log data from individual servers to HDFS as the main log storage and management system and then perform analysis on these HDFS data-sets. Flume was used to move the log data periodically into HDFS. Once the data-set is inside HDFS, Pig and Hive were used to perform various analysis.

**Responsibilities:**

- Involved in analyzing the system and business.
- Involved in transferring files from OLTP server to Hadoop file system.
- Involved in writing queries with HiveQL and Pig.
- Involved in database connection by using SQOOP.
- Importing and Exporting Data from Oracle to HiveQL.
- Importing and Exporting Data from HiveQL to HDFS.
- Process and analyze the data from Hive tables using HiveQL.


**Project #3:**

**newScale solution or EIS (Enterprise Infrastructure Solution)**

| Client | : Discover Financial Solutions |
|---|---|
| Technology | : Core Java, IBM Cognos 8 BI, Report Studio, Query Studio, Oracle. |
| Project Type | : Reporting & Development |
| Duration | : March 2014– Nov 2014 |

## Description

newScale, Inc. (Cisco Request Center) is the leader in IT Service Catalog and Service Offering Management software solutions for Global 2000 companies, with more than 800,000 users worldwide. newScale solutions enable IT organizations and outsourcers to catalog their portfolio of services, govern demand for services, manage delivery of services, and optimize service quality.

## Responsibilities:

- Involved in gathering the functional requirements for forecasting and related reporting and analytics requirements.
- Worked closely with the business users to build the models and delivered based on the sign-off.
- Created different Dashboards in report studio using combination of List, Crosstab, and Graph and Map reports.
- Created reports using List, Cross tab, and Chart templates in Report Studio.
- Developed standard reports, Charts, Drill-through Reports and Master Detail Reports
- Created query prompts, calculations, conditions and Filters.
- Involved in scheduling Report Studio and Query Studio reports and sending reports via email to several business users.
- Extensively worked on SQL, created joins between tables to map the columns from multiple tables.

## Project #2:

## newScale solution or EIS (Enterprise Infrastructure Solution

| Client | : Discover Financial Solutions |
|---|---|
| Technology | : Java, Oracle, Sybase, Log4J |
| Project Type | : Development |
| Duration | : July 2012– March 2014 |

## Description

Cisco Request Center (newScale) incorporates both self-service request management and service lifecycle management. Cisco Request Center can dramatically reduce the cycle time for the ordering, approval, and provisioning of new applications environments, while maintaining the policy-based controls and governance required for enterprise-class data center management. IT administrators can also use Cisco Request Center's service lifecycle management capabilities to align capacity with actual tracked and projected business needs.

## Responsibilities:

Involved in the analysis of the functional specifications and preparing detail design documents, development of new programs.

- Responsible for Understanding Functional Specification.
- Responsible for implementing Database Connectivity through JDBC.
- Involved in gather the information about the services we offer
- Worked in Organization Designer and Administration and created organizational units for our service consumers and service delivery teams.
- Configured user roles to grant the appropriate capabilities and permissions to each organization or user.
- Created Dictionaries and Active Form Components in Service Designer
- Created Categories, Keywords, and Service Groups in Service Designer

## Project #1:

**TAP Tools -**FMS (Forms Management system)

Client            : CNA
Technology        : Java, Struts, Hibernate, Servlets, Jsp, DB2, Web sphere
Project Type      : Enhancement
Duration          : Jan 2011 – Dec 2011

## Description

CNA (Commercial casualty, National Fire and American casualty) is the seventh largest U.S commercial insurer and 13th largest U.S property and casualty insurer. CNA provide insurance protection to more than 1 million businesses and professionals in the U.S and internationally. Headquartered in Chicago, CNA has offices throughout the U.S., Canada and Europe. CNA offers wide range of services to help prevent and minimize losses and to settle claims quickly and professionally.

## Responsibilities:

Involved in the analysis of the functional specifications and preparing detail design documents, development of new programs and Enhancements after production deployment.
- Responsible for Understanding Functional Specification.
- Responsible for implementing JSPs for the Presentation
- Responsible for implementing Action classes for the controller logic.
- Responsible for implementing Validations using Validation Framework.
- Responsible for implementing Database Connectivity through JDBC.