

**Experience Summary:**

- ✓ 3+ Years of extensive experience including 1.2 years in **BigData** and **BigData analytics**.
- ✓ Implemented the hadoop in open source by using **cloudera community edition - 5.4**.
- ✓ Experienced in installing, configuring Hadoop cluster of major Hadoop distributions.
- ✓ Having good hands on **AWS-Ec2 (EMR 4.3)**. Headed & Implemented for better performance.
- ✓ Working on Spark for better performance.
- ✓ Working on streaming data into **HDFS** from web servers using **Flume**.
- ✓ The **Hive** tables created as per requirement were Internal or External tables defined with appropriate Static and Dynamic partitions, bucketing & orc file format data stored in hive intended for efficiency.
- ✓ Created Scripts to run kettle jobs and performed ETL procedures on the data in HDFS.
- ✓ Worked extensively with Sqoop for importing and exporting data from MySQL into HDFS And hive.
- ✓ Load and transform large sets of structured, semi structured using Hive.
- ✓ Performed complex Joins on the tables in Hive.
- ✓ Total Responsibility for all development and implementation of Database (RDBMS), work that includes OLTP Database as well various reporting data marts, Data warehouse, ETL, providing data feed to various business groups.
- ✓ Implementing **ETL processes using pentaho** to load data from Flat Files to target MySQL data Warehouse database.
- ✓ Responsible for gathering business requirements, **designing data mart entities** and data warehouse. Audited historical data to ensure data integrity.
- ✓ Prepared standard and ad hoc reports for management and analysts.
- ✓ Developed **OLAP Cubes** for interactive reports and analyzing business data in BI.

**Achievement in Work:**

- ✓ **Headed & Implemented hadoop in India property.**
- ✓ **Handling a team with five members** and Assigning tasks to team members and ensuring work being completed as per the schedule provided and estimated effort.

### **Education and Certification:**

Master of computer application with **CGPA: 7.69** from Velammal college of management & computer studies (Madras University), Thiruvallur District in May 2012.

### **Technical Skills:**

Operating Systems	UNIX, Windows
Languages	Shell script, Java (Beginner level)
Databases	SQL,MYSQL, Ms-Access
ETL Tools	Pentaho Data Integration, Mondrian Cubes
Big data	Hdfs,Hive,Flume,Sqoop,Impala,Spark

### **Core Skills:**

- Data Warehousing, Big Data and Analytics
- Ecommerce domain
- Business Development

## **Data Transformation**

Experience designing, reviewing, implementing and optimizing data transformation processes in the Hadoop and pentaho ecosystems. Able to consolidate, validate and cleanse data from a vast range of sources – from applications and databases to files and Web services.

Tools: Pentaho Kettle and Scripting; Linux/UNIX Commands.

## **Data Collection**

Capable of extracting data from an existing database, Web sources or APIs.  
Experience designing and implementing fast and efficient data acquisition using Big Data processing techniques and tools.

## **Data Modeling**

Practical understanding of the Data modeling (Dimensional & Relational) concepts like Star-Schema Modeling, Snowflake Schema Modeling, Fact and Dimension tables. Responsible for gathering business requirements, designing data mart entities and data warehouse.

## Project Works:

### ✓ India Property Online Pvt. Ltd. – Senior Software Engineer

<b>Project Title</b>	Developed & Implemented hadoop
<b>Client</b>	India Property Online Pvt. Ltd. , India
<b>Technology Used</b>	Cloudera & Aws, Hdfs, Hive, Sqoop, Impala, Flume,Spark, Pentaho ETL, shell script.
<b>Project Description</b>	<p>Implemented the hadoop with single handedly in open source by using cloudera manager community edition - 5.4. While implementing handled more errors technically and settled good setup with normal infrastructure.</p> <p>In MySQL can't read huge volume of unstructured data (customer behavior data), so we go hadoop setup which will process data within short period of time . Having good hands on AWS-EC2 (EMR 4.3). Implemented single handedly for better performance. Worked in cloudera for processing the huge data but we facing some issues like stability, maintenance, storage, so we want better performance than this setup that's why moved to aws (more stability, maintenance, storage).</p> <p>The Hive tables created as per requirement were Internal or External tables defined with appropriate Static and Dynamic partitions and bucketing &amp; orc file format data stored in hive intended for efficiency.</p>
<b>Responsibilities</b>	Code Development, Implementation, Creation of test data, Unit testing of the modules.

<b>Project Title</b>	<b>Restructuring /Optimizing Data Warehouse for the Online Business</b>
<b>Client</b>	India Property Online Pvt. Ltd. , India
<b>Technology Used</b>	Linux, Pentaho ETL , Pentaho Reporting , MYSQL
<b>Project Description</b>	<p>India Property Online Pvt. Ltd (IPOPL) was a part of Consim Pvt. Ltd. which is an online business organization. IPOPL has become a separate Business Unit in 2013.</p> <p>The project involves restructuring of existing data warehouse (Fact and Dimension tables) to handle all the requirements of the growing business, to determine the trend of the market and also to make it more accessible for taking Ad-Hoc reports.</p>

<b>Responsibilities</b>	<ul style="list-style-type: none"><li>➤ Code Development.</li><li>➤ Creation of test data.</li><li>➤ Unit testing of the modules.</li><li>➤ Integration testing of the different programs under the same application.</li><li>➤ Suggestions for improving the design on performance perspective</li></ul>
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## **Personal Details:**

Father's Name : K.Palani  
Mother's Name : P.Shanthi  
Linguistic Proficiency : English & Tamil to read speak and write  
Date of Birth : 23/12/1987  
Sex : Male  
Marital Status : Single  
Address for communication : Plot No: A, 2<sup>nd</sup> Gandhi street, Gnanamoorthy nagar, Ambattur, Chennai-53.

## **Declaration:**

I hereby declare that all the details furnished above are true to the best of my knowledge.

## Place: chennai

Date:

Yours Faithfully,  
**(P. DILLI BABU)**