

# PINKI RANI AGGARWAL

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DELHI, INDIA

## STATEMENT

Insightful Professional with over **7 years' total** IT industry experience on undertaking complex assignments. Involved in developing solutions based on Apache Hadoop Ecosystem like **HDFS, MapReduce, Hive, Sqoop, Spark, Scala, Cloudera** for over 3 years as **Spark Developer** with a strong background on delivering Web Development solutions in PHP, Mysql,Json and jQuery and PHP frameworks across multiple platforms for 4+ years.

## JOB SUMMARY AND RESPONSIBILITIES

- Expertise with the tools in Hadoop Ecosystem including **HDFS,JobTracker, TaskTracker, NameNode, DataNode** and **MapReduce** programming paradigm.
- Design and build Big Data solutions using technologies such as **Hadoop, Scala, Sqoop, Spark, Yarn.**
- Good knowledge of Big Data querying tools, such as **Pig, Hive.**
- Good experience on Hadoop distributions like **Cloudera**
- Experience in **migrating the data** using Sqoop from HDFS and Hive to Database Systems and vice-versa.
- Implemented **Partitioning**, Dynamic Partitions, **Buckets** in **Hive**, **Compaction & Compression of files.**
- Created Pig Latin scripts to sort, group, join and filter the data.
- Good in managing time and organizing tasks and ability to handle multiple tasks.
- Strong hands on **Spark development skills with Scala.**
- Strong experience in **SQL, with different Join technique.**
- Good experience in Spark - **Spark/SQL, Dataframes / Dataset, partitioning techniques of data.**
- Good knowledge about to **run Spark job** i.e. number of executors, cores, memory, sizing etc.
- Experience with integration of data from multiple data sources.
- **Technical Leadership** and mentoring internal team members.
- Writes and organizes code using multiple computer languages, understand different frameworks and paradigm.
- Excellent knowledge on Web Development Methodologies, understanding and analyzing client needs.
- Maintains technical knowledge and stays current with new and evolving technologies.

## TECHNICAL SKILLSET

BigData / Hadoop Ecosystem Tools-	HDFS, Map reduce, Yarn, Hive, Pig, Spark, Sqoop ,Scala, ApacheSpark,
Ecosystem-	RDDs, Data Frames, Spark SQL
Databases-	MYSQL, Trigger, View, Indexing, Query Optimization, idle connection Programming
Languages-	Basic Python, Scala, HiveQL
Web 2.0 Technologies -	HTML 5/XHTML, CSS 3 Scripting
Languages-	PHP, JavaScript, Json, jQuery PHP
Framework-	CakePHP,Codeigniter
CMS-	WordPress
Version control -	GIT, SVN

## WORKING EXPERIENCE

(Total 7 years)

- Velocis Systems Pvt. Ltd. (November 2014 to May 2020 as Spark Developer)
- Webmuch Software Pvt. Ltd. (June 2013 to August 2014 as PHP Developer)

*Involved in the Development, Implementation and Configuration of various features and services to various software systems being used in **Inland Waterways Authority of India**. Currently focused in designing and building **Big Data solutions** using relevant technologies.*

### Hadoop Based Projects

#### **Data processing for Inventory Management and Tracking System Report using Spark:**

- Extraction and Loading of data using **Sqoop** from Centralized Inland Waterways Authority of India Database into **HDFS**.
- Used hive warehouse and Implemented Partitioning, Dynamic Partitions, Buckets in Hive
- Data Processing and report generation like location wise, top purchased date wise, category wise, store wise report, all location inventory report for all stores with all category etc.
- Environment: Spark-scala, SQL, Hadoop Ecosystems, MySQL
- Duration of the project : July 2019 to till Date

#### **Data processing for shipping Report:**

- Extraction and Loading of data using **Sqoop**.
- Used hive warehouse and processing data using spark Core and Spark SQL Components.
- Generate output report data using spark sql .
- Write output data back to RDMS target table.
- Environment: Spark-scala, SQL, Hadoop Ecosystems, MySQL
- Duration of the project : May 2017 to till Date

#### **Data processing for IWAI Portal - Employee Salary report:**

- Extraction and Loading of data using Sqoop from MySQL Database into HDFS.
- Data Processing and report generation like period wise , site/location wise, month wise, year wise.
- Using Spark-Scala, write report data back to RDMS target table.
- Environment: Spark-scala, SQL, Hadoop Ecosystems, MySQL
- Duration of the project : November 2018 to till Date

### Web Development Projects

#### **Inland Waterways Authority of India Website :**

- This website is on core Php with MySQL Database. I have worked on maintenance of this website and developed new modules according to client requirements.

#### **Phoolwala.net (maintenance):**

- Phoolwala.net is India's leading online India Florist company, cakes, chocolates, soft toys and other gifts items for birthdays, anniversaries, get-well soon, love N romance, and another important

occasions all over India professionally and other country also.

- I have done maintenance work on this site to resolve bugs time to time in core php.

#### **DELHI METRO RAIL CORPORATION:**

- Delhi Metro is a world-class metro. To ensure reliability and safety in train operations, it is equipped with the most modern communication and train control system. I have worked on Dmrc panel which is run metro WAN and which is made in core Php.
- Sub route module.
- Train Induction Module, Block Permitted Module, Generate Report Module.
- Centralized Announcement Module, -Earning & Ridership Details Module.
- Intensive Cleaning Performed Module, Neutral Section Module.

#### **WeeboWebHotel:**

- This Application is on cake php Framework. This site is business solution of PMS (property management system). In this PMS we have add hotel, Room type, Room, hotel amenities, Rate plan, Guest Services and hotel Room reservation.
- admin modules
- Reservation modules, Setting modules
- Payment module

#### **Dhanuka laboratories:** <http://dhanukalab.com/>

Dhanuka Laboratories is a company driven by knowledge – a huge pool of talent that gives a competitive advantage to make an impact in the market place. Unequalled values and a quality customer-centric policy form the basis of its investments in systems and infrastructure. This site made in wordpress.

I have worked on following module.

- Responsive Design using bootstrap3.
- Developed theme.

#### **ACHIVEMENTS**

- Multiple Appreciations for delivering projects before the allotted time frame ensuring quality.

#### **EDUCATION**

- **Master of Computer Application'2013**, DKES-School Of Computer Science, Delhi, Guru Gobind Singh Indraprastha University, India
- **B.Sc (P) Applied Physical Science'2010**, Maharaja Agrasen College, Delhi University, India