## ABHISHEK VERMA E-MAIL: [abhishekverma3210@gmail.com](mailto:abhishekverma3210@gmail.com)

## CONTACT- (+91) - 9165695822

**Career Objective:**

To participate as a team member in a dynamic work environment focused on promoting business growth by providing superior value and service.

**Academic Skills:**

* Bachelor of Engineering in Information Technology form Gwalior Engineering College, Gwalior, affiliated to RGPV, Bhopal 2012-2016 with 7.29 CGPA
* High School and Intermediate with PCM from Green Wood Public School, Gwalior 2010-2012

**Professional Summary**:

* Experience on **Apache** **Kafka** development(Java) and administration.
* Knowledge on spring boot framework.
* 4 months hands-on experience on Hadoop Project Development with basics of Administration.
* Knowledge on Map Reduce with **Java**.
* Good working knowledge in Setting Hadoop Cluster.
* Involved in **40 Nodes Hadoop Cluster Setup.**
* Hands-on experience in **Commissioning and Decommissioning** on 40 Nodes Cluster.

**Professional Skills**:

* **Big Data:-** Kafka, HDFS, Map Reduce, PIG, SQOOP, YARN, Spark
* **Programming Language:-** Java, C/C++, Shell Script, Scala, Python, PHP, HTML
* **Framework:-** Spring Boot

**Experience:**

**Software Developer:-** Experience Dec, 2016 – till now

Nextsphere Technologies, Hyderabad

**Hadoop Lab Co-ordinator:-** Experience Aug, 2016 – Dec, 2016

Kelly Technologies

**Facilitator:-** C Language – Experience 1Year

Fuzinix Infotech Pvt. Ltd.

**Research Paper:**

**A New Algorithm for Fast Data Searching – An Imagination based Indexed Data Searching Technique:-** August, 2015

International Journal of Engineering and Management Research (IJEMR)

Volume-5, Issue-4

Algorithm which can search data **faster** than that of Binary search, B-Tree Search, AVL Tree search etc. It uses the concept of creating of non-physical existing array with the help of small formula and tries to find the index of particular element on probability bases.

**Projects:**

**Titan**

April 2017 to Present

Nextsphere Technologies

*Problem Statement*: To design a platform which big MLM Corporations can make use of to handle huge load.

*Details:* Project is based on microservices and events based architecture. It has Kafka in its core to handle huge communication between the microservices.

*Roles in project:*

* Integrating Apache Kafka consumers and producers in the project.
* Streaming topics to generate activity logs.
* Designing deployment strategy and performance testing for Apache Kafka.

**Scheduling and Switching of Home Appliances Using BeagleBone Black and Android: -**

May 2016

Major Project for B.E.

*Problem Statement*: To reduce power consumption by automatically switching on and off the home appliances as per user’s daily schedule.

*Details*: ***IOT(Internet of Things) project*** for controlling home appliances via Wi-Fi using Android App and embedded system (BeagleBone Black with LAMP Server). User can control their home appliances with the help of Android App and can schedule their appliance accordingly. Over BeagleBone Black a LAMP server is running which gives commands to end appliances controlling unit as per the instructions given by the front end application unit.

*Roles in project*: To develop android app, Creating LAMP Server, developing Shell Scripts, C and Python codes and implementing scheduling module.

**Personal Projects:**

**Movie Data Analysis**

**Environment**: Hadoop, MapReduce.

**Duration**: 24 Sept, 2016 to 24 Oct,2016

**Role**: Hadoop Developer.

**Description**:

 This Project is all about the movies released from 1995 to 2015. In this project we need to figure out:

1. Most viewed movies ever.
2. Top 20 ever rated movies. (movie should be rated/viewed by at least 40 users)
3. Top 10 Critics. (Only consider the ratings of user who have given 40+ ratings to movies)
4. Most viewed movies released in last five year.
5. Top 10 active users. (To provide them free 10 latest movies tickets)

**Roles and Responsibilities**:

* Moved all data in flat files downloaded from various online movies ratings site to HDFS for further processing.
* Written MapReduce code in java to process HDFS data.
* Implemented filtering concept in MapReduce.
* Developing Reducer-Side join in MapReduce.
* Creating job chaining in MapReduce
* Involved in gathering the requirements, designing, development and testing
* Writing the script files for processing data and loading to HDFS
* Writing CLI commands using HDFS.
* Developed the UNIX shell scripts for creating the reports/log while processing data.
* Completely involved in the requirement analysis phase.
* Analyzing the requirement to setup a cluster
* Created two different users (hduser for performing hdfs operations and map red user for performing map reduce operations only)
* Ensured NFS is configured for Name Node
* Setting Password less hadoop
* Setting up cron job to delete hadoop logs/local old job files/cluster temp files
* Commissioning of nodes to improve the processing speed.
* Setting up SQOOP job to upload data to MySql Database.

**Achievements:**

**Best New Comer of The Year:-** Sept, 2017

Won best new comer award.

Nextsphere Technologies 11th Annual Year

**Personal Profile:**

Name : Abhishek Verma

Nationality : Indian

Date of Birth : Feb 23, 1995

Language Known : Hindi and English

**Declaration:**

I hereby declare that the above-mentioned information is correct to my knowledge and

bear the responsibility for the correctness of the above-mentioned particulars.

**Place: HYDERABAD**

(**Abhishek Verma)**

**Date:** 19th June 2019