MUKUL WADHWA

**CELL**(+91) 9999713408 **E-MAIL** [bigbyte17@gmail.com](mailto:bigbyte17@gmail.com)

**Linkedin**https://[www.linkedin.com/in/mukul-wadhwa-80673b89/](http://www.linkedin.com/in/mukul-wadhwa-80673b89/)

## CAREER OBJECTIVE

To enhance my skill set in most effective and innovative manner, scaling new heights of success with hard work and dedication, leaving a mark of excellence at every step.

## SUMMARY

* Nearly 4.5 years of experience in various industries, which includes hands on experience of 2.5+ years in Big Data Hadoop Ecosystem andVisualisation.
* Design and capacity planning of 30 nodes cluster for big data center of excellence at abesit campus(datreon).
* Knowledge of Akka with creating Akka cluster on request node creation in Linuxenvironment.
* Used **Zookeeper** to provide coordination services to thecluster.
* Exploring with the Spark for improving the performance and optimization of the existing algorithms in Hadoop using Spark **Context, Spark-SQL, Data Frame, Pair RDD's, SparkYARN**.
* Design and develop ETL process to pull data from Mainframes into file system(HDFS) using Hadoop, Hive, Spark and ShellScripting.
* Have good knowledge on NoSQL databases like **HBase**,**Cassandra** and **MongoDB**.
* Indepth understanding of Hadoop Architecture, workload management, schedulers, scalability and various components, such as **HDFS**, **MapReduce** and**YARN**
* Real time data integration from client website into hdfs using scala spark &nosql(mongodb). Activelyinvolved

in continuous Streaming bus using akka stream and kafka that gives near real time data in stream, leading to greater confidence in product quality.

* Integrated with different file formats including csv, json, xml, avro analyzing them using Spark-Scala and Mapreduce.
* Knowledge of Scala with web-services programming in Linux/Windowsenvironment.
* Working in Scala with Akka framework and middleware design experience: REST API design , enterprise integration patterns,scalable design patterns using singleton orscaladesign.
* Develop and propose proof-of-concept (POCs) to clients showcasing the product capabilities andfeatures.
* Self-motivated, ability to catch up with new technologies and to work in a high-paced dynamicenvironment.

## TECHNICAL SKILLS

|  |  |
| --- | --- |
| **Software** | MS Office, Scribus, Evolus Pencil, Libra Office, Intelij Idea, Eclipse Atom, Adobe Photoshop etc |
| **Language proficiency** | **FrontEnd :**HTML5, Bootstrap3, CSS3, Angularjs. |
| **BackEnd :**Scala, Java, C, C++ JavaScript. |
| **Big Data Ecosystem** | Apache hadoop, hdfs, sqoop, Akka, hive, flume, kafka, zookeeper,  spark, |
| spark streaming, mapreduce, yarn. |
| **Networking & Virtualization** | ISCSI, Oracle Virtual Box 5.1 |
| **File System** | ZFS, NTFS, EXT4**.** |

|  |  |  |
| --- | --- | --- |
| **Search Engine** | Elasticsearch | |
| **Databases** | **Relational :-** | Mysql, Oracle |
| **NoSQL:-** | Hbase, MongoDb, Neo4j. |
| **Operating Systems** | Elementary OS(Linux) , Ubuntu Server 14.04, 16.04, WINDOW’S | |
| OS, |  |
| **MicroServices** | Docker | |
| **Others** | Putty, WinScp, Tableau, GitHub, SVN, Nomachine, Hortonworks, Cloudera | |

**PROFESSIONAL EXPERIENCE**

**Currently working in DikshaTechnologies,Gurgaon**

**NEWGEN SOFTWARE PVT LTD, NOIDA SOFTWARE ENGINEER**

**|DEC 2017 - TILL NOW |**

**Responsibilities :**

* Newgen is building a framework for Feed Management in which we will provide feed and trading management to theclients.
* In Newgen I working with Fortune 500 Client like **CITI PRIVATE BANK** and technologies wise i used **Hadoop, Scala, Spark, Akka, kafka, Hbase, Docker,Oracle**.
* Working on Big Data infrastructure for batch processing as well as real-time processing. Responsible for building scalable distributed data solutions using **Hadoop, Spark, Akka and Hbase**.
* Implemented a continuous Streaming bus using akka stream and kafka that gives near real time data in stream, leading to greater confidence in productquality.
* Involved in collecting, aggregating and moving data from servers to HDFS using **ApacheSpark**.
* Possess expertise in object oriented analysis with good exposure in software development, involving analysis, design, development and productionsupport.`
* Knowledge of Scala with web-services programming in Linux/Windowsenvironment.
* Working in Scala with Akka framework for reactive, concurrent and distributingapplications
* Insightful professional with notable success in planning, analysis & implementing thesolutions

**Technology:** Spark, Scala, Akka, Akka Cluster, Http, Kafka, Hbase, Java , ELK, Docker Container, Oracle DB

## DATREON, NEW DELHI BIG DATA ENGINEER

**|JUNE 2016 TO NOVEMBER 2017|**

**Responsibilities :**

* Extensively worked on implementing data warehouse on Hadoop cluster & actively involved in data integration & Performance Tuning of HadoopCluster.
* Design and architect Data warehouse from scratch and migrate from existing datawarehouse.
* Experience in building & supporting hadoop cluster up to 30nodes.
* Architect & Implementation of Network Design & Capacity Planning of 30 Nodes Cluster for Big Data Center of Excellence at AbesitCampus(Datreon).
* Installation & configuration of Hadoop Ecosystem components: **Hive, Sqoop, Flume, Kafka, Apache Spark(YARN)**.
* Proficient in building Big Data infrastructure & Setup NFS Server as a centralrepository.
* Worked as Big Data Trainer for Abesitcollege(Datreon).
* Worked on POC & Documentation of Smart HealthCare Project. This Project implements the completea pipeline of public health records. Followed HIPPACompliance.
* Worked on POC & Documentation of Smart ParkingApp. This Project aims at finding the exact location for vehicle parking inside the parking lots of buildings by using Bluetoothbeacons.
* Implemented a Project on Smart Aquaponics(IOT + BigData).
* Real time data integration from client website into hdfs using scala spark &NoSQL(MongoDB).
* Actively involved in Real time streaming of data using kafka&Pubnub(JavascriptLibrary).

**Technology:** Spark, Scala, kafka, Flume, Hadoop, Hdfs, MongoDb, Zeppelin

## TECH-FI TECHNOLOGIES, NEWDELHI INTERN

**|OCT 2015 TO JAN 2016| SOFTWARE ENGINEER**

**|JAN 2016 TO MAY2016|**

**Technology:** Nodejs, express, HTML, CSS3, Bootstrap, Pubnub, chat.js

|  |  |
| --- | --- |
| **EDUCATION** |  |
| VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES  *MCA* | 2014-2017 |
| Percentage – 74.7% |  |
| INSTITUE OF TECHNOLOGY AND MANAGEMENT  *BCA* | 2011-2014 |
| Percentage – 71% |  |
| **CBSE BOARD**  *12th* | 2011 |
| Percentage –67% |  |
| **CBSE BOARD**  *10th* | 2009 |
| Percentage –67% |  |
| **PROJECTS** |  |
| **Project: Air Pollution Monitoring System**  **Durtion:** March 2016 – may 2016  **Technical Stack: BackEnd:** Nodejs, express, pubnub, Eon Chart **FrontEnd :** HTML5, Bootstrap3, CSS3, | Angularjs |
| **Databases :** MongoDb**Hardware:** Arduino(UNO) **Sensors:** MQ-2 **MicroService :** Docker |  |

**Project: Aquaphonics Monitoring System**

**Durtion:** January 2017 - May 2017

## TeamSize: 6

**Discription:** Aquaphonics is a food production system that combines intensive aquaculture (raising aquatic animals in tanks) with hydroponics (cultivating plants in a nutrient solution). The nutrient rich effluents from the aquaculture component are circulated through the hydroponic component where a proportion of these nutrients are taken up by the plants before the water is returned to the fishtanks.

**Technical Stack: BackEnd:** Spark Streaming, kafka, Flume, Hadoop, Hdfs, Apache Zeppelin **FrontEnd :**HTML5,

Bootstrap3, CSS3, Angularjs**Databases :**MongoDb**Hardware:** Arduino(UNO) **Sensors:** DHT11(temp), water Indicator **MicroService :** Docker

# Project: COPAD Dashboard Settlement System

**Durtion:** December 2018 - May 2018

## TeamSize: 4

**Discription:** Working in NewGen Big Data Project , in which Newgen is building a framework for Feed Management in which we will provide feed and trading management to the client.

**Technical Stack:** Spark, Scala, AkkaAkka Cluster, Http, Kafka, Hbase, Java , ELK, Docker, Oracle DB

## OTHER PROJECTS



* **SeminarConducted:-**
  + **Presentation on Big Data and Hadoop Ecosystem** - Srijan Technologies PvtLtd.,
  + **1 day Seminar on Big Data and Analytics** - Vivekananda Institute of Professional Studies (VIPS)
  + **10 day Summer camp workshop on Adobe After Effect** - DPS Noida, U.P.

# Certifications:-

* + **Web Development (MEAN STACK) -** Inteligenes technologies pvtLtd.
  + **PHP-MySQL -** KR Network Cloud Technologies Pvt.Ltd.

# Volunteering:-

* + Volunteer in Global Mentor Week 2016 for **DOCKER** at**Microsoft**
  + Volunteer in the World Culture Festival by **Art of Living** as acoordinator.

## PERSONAL SKILLS | INTEREST

* Positive attitude,leadershipattitude.
* Watching movies, swimming, cycling, TableTennis.
* Reading,Cricket.

## DECLARATION

I certify that the information given is true to the best of my knowledge and I am alone responsible for the correctness of the above mentioned particulars.

[MukulWadhwa]