

## MIDHUN CHAKRAVARTHY

### Sr. Hadoop Administrator

#### PROFESSIONAL SUMMARY

- Over 11 years of professional IT experience including around 5 years of System Administrator and 4 plus years in Big Data analytics as Sr. Hadoop/Big Data Administrator.
- Very Strong knowledge on Infrastructure Support Environment.
- Experience in architecting, designing, installation, configuration and management of Apache Hadoop Clusters & Cloudera Hadoop Distribution.
- Experience in managing the Hadoop infrastructure with Hortonworks Distribution.
- Experience in Linux Administration
- Practical knowledge on functionalities of every Hadoop daemons, interaction between them, resource utilizations and dynamic tuning to make cluster available and efficient.
- Experience in understanding and managing Hadoop Log Files.
- Experience in understanding Hadoop multiple data processing engines such as interactive SQL, real time streaming, data science and batch processing to handle data stored in a single platform in Yarn.
- Experience in Adding and removing the nodes in Hadoop Cluster.
- Experience in extracting the data from RDBMS into HDFS Sqoop.
- Experience in collecting the logs from log collector into HDFS using up Flume.
- Experience in setting up and managing the batch scheduler Oozie.
- Experience in analyzing data in HDFS through Map Reduce, Hive and Pig.
- Experience in working with Python to run scripts, generate tables, and reports.
- Experience in working with Spark Streaming and RDD architecture, implementing Spark operations on RDD
- Worked on data formatting scripts in Python and created terabyte csv files to be consumed by Hadoop MapReduce jobs.
- Good understanding of No SQL databases such as HBase
- Good understanding of MapR distribution with Apache Hadoop
- Experience on IBM AS400 Administration.
- Experience in Team Management.
- Experience in Retail, Manufacturing and Media Environment.
- Experience in Collecting Data for Audit Purpose.
- Excellent interpersonal, communication, documentation and presentation skills.

#### TECHNICAL SKILLS

Hadoop /Big Data Technologies:	HDFS, Map Reduce, HBase , Pig ,Hive, Sqoop, Yarn, Flume, Oozie and Zookeeper
Frameworks:	MVC, Spring, Hibernate.
Programming Languages:	C, C++, VB
Web Technologies:	HTML, XML, JavaScript, Ajax, SOAP and WSDL
Databases:	SQL Server, MYSQL, DB2
Operating Systems:	Linux, Windows, Mac, CentOS, IBM AS400
Other Concepts:	PMP, Six Sigma, ITIL, Virtual Cloud

#### EDUCATION

- Bachelor of Electronics and Instrumentation BE. (EIE) from Anna University - SRM Valliammai Engineering College, Chennai, India, 05/2002 – 04/2006

#### CERTIFICATION

- EXIN Certified ITIL V3, 10/2011
- VMware Datacenter Virtualization, 12/2013

- VMware VCA Cloud Fundamentals for Mobility solutions, 11/2013
- Digital: BigData and Hadoop Ecosystems, 07/2018
- Digital: BigData and Hadoop Ecosystem\_MapR, 07/2018
- AWS Technical Professional – ILTx, 09/2018

## PROFESSIONAL EXPERIENCE

### John Wiley and Sons, Somerset, NJ Sr. Hadoop Administrator

06/2014 – Present

#### Responsibilities:

- Hands on experience in installation, configuration, supporting and managing Hadoop Clusters using Apache, Cloudera (CDH5).
- Responsible for Cluster maintenance, Monitoring, commissioning and decommissioning Data nodes, Troubleshooting, Manage and review data backups, Manage & review log files.
- Day to day responsibilities includes solving developer issues, deployments moving code from one environment to other environment, providing access to new users and providing instant solutions to reduce the impact and documenting the same and preventing future issues.
- Involved in creating Hive tables, loading with data and writing hive queries which will run internally in map reduce way.
- Strong Experience in Linux core Environment
- Worked on Capacity planning for the Production Cluster
- Worked on Configuring Kerberos Authentication in the Hadoop cluster and AS400
- Ability to Configuring queues in capacity scheduler and taking Snapshot backups for Hbase tables.
- Worked on fixing the cluster issues and Configuring High Availability for Name Node in CDH5.
- Involved in Cluster Monitoring backup, restore and troubleshooting activities.
- Responsible for implementation and ongoing administration of Hadoop infrastructure
- Managed and reviewed Hadoop log files.
- Importing and exporting data from RDBMS into HDFS and HBASE using Sqoop.
- Good Understanding of installation and configuring Spark and Impala.
- Successfully installed and configured Queues in Capacity scheduler and Oozie scheduler.
- Worked on Performance Optimization for the Hive queries while Performing tuning in the Cluster level and adding the Users in the clusters.
- Monitored workload, job performance and capacity planning
- Involved in Analyzing system failures, identifying root causes, and recommended course of actions.

### Michaels Stores Incorporation, Dallas, TX (from India) Hadoop Administrator

05/2013 – 06/2014

#### Responsibilities:

- Worked on Installing and configuring the HDP Hortonworks Clusters in Dev and Production Environments.
- Responsible for Cluster Setup, adding Data nodes, Cluster Monitoring, Troubleshooting, Manage and review data backups, Manage & review Hadoop log files.
- Monitoring systems and services, architecture design and implementation of Hadoop deployment, configuration management, backup, and disaster recovery systems and procedures.
- Installation of various Hadoop Ecosystems and Hadoop Daemons.
- Worked on large sets of structured, semi-structured and unstructured data.
- Use of Sqoop to import and export data from HDFS to RDBMS and vice-versa.
- Coordinated with technical team for production deployment of software applications for maintenance.
- Provided operational support services relating to Hadoop infrastructure and application installation.
- Handled the imports and exports of data onto HDFS using Flume and Sqoop.

- Formulated procedures for installation of Hadoop patches, updates and version upgrades.

**Michaels Stores Incorporation, Dallas, TX (from India)**  
**AS400 Administrator**

**03/2010 – 04/2013**

**Responsibilities:**

- Installed, upgraded and maintained AS400 Operating systems and software applications.
- Managed 11 Lpars in the environment of V5R4 and maintained service levels for AS400 application services.
- Formulated and installed AS400 performance enhancement and tuning processes.
- Administered, managed and maintained Web Sphere applications systems and HTTP servers.
- Analyzed end user and software programs, connectivity issues and application errors.
- Experience in Control Language (CL) programming language
- Proficiency in coding for both the programming and control language
- Experience in advanced Job Scheduler and I-Series Navigator
- Experience in BRMS backup and recovery and Disaster Recovery process from remote site
- AS400 Engineering / Architect lead for 11-member team
- Handled 24/7 support for the team
- User Profile Management in AS400
- L2 Task like PTF Management, Disaster Recovery, SOX Audit, Vendor Coordination for AS400 servers

**Real Image Media Technologies, India**  
**Sr System Administrator**

**08/2007 – 03/2010**

**Responsibilities:**

- Monitoring, managing and maintaining the computing and telecommunications infrastructure resilience, desktop support, capacity planning, as well as security design and implementation.
- Researching new technologies, making recommendations to senior management, forecasting future needs/capacity planning, and participating in the strategic planning/evolution of the company's internal and outsourced systems, security and business continuity requirements that are scalable to meet the company's growth expectations.
- Managing, patching and performing upgrades to core systems and technologies, prioritizing infrastructure tasks to ensure flawless work experience and access for internal users either remotely or in the office.
- Addressing Client organization regarding issues on software such as Windows, Active Directory, Linux, UNIX and Solaris.
- Capacity planning requirements and/or other enhancements to existing systems infrastructure.
- Documenting configuration, upgrades, procedures, problem resolution associated with network, hardware/software and operating systems etc.
- Diagnose hardware and software problems and replace defective components.
- Perform data backups and disaster recovery operations.
- Plan, coordinate, and implement security measures in order to protect data, software, and hardware.
- Enhancing technical skills, training and guiding other technical staff.
- Provide superior customer management inclusive of excellent communications, responsive follow through, and advocacy for customer issues within internal departments.
- Prioritize numerous issues of varying severity, and effectively manage the resolution of all issues within acceptable service levels

# MIDHUN CHAKRAVARTHY

- Hoboken, NJ, USA

## Contact Information

- midhunbigdata19@gmail.com (Preferred)
- 6095783262 (Preferred)

## Work History

### Total Work Experience: 12 years

- **Sr. Hadoop Administrator | John Wiley and Sons**  
Jun 01, 2014 - No End Date | Somerset NJ United States
- **Hadoop Administrator | Michaels Stores Incorporation**  
May 01, 2013 - Jun 01, 2014 | Dallas TX United States
- **AS400 Administrator | Michaels Stores Incorporation**  
Mar 01, 2010 - Apr 01, 2013 | Dallas TX United States
- **Sr System Administrator | Real Image Media Technologies**  
Aug 01, 2007 - Mar 01, 2010 | India

## Skills

- **backup** | 9yrs | 2019
- **infrastructure** | 8yrs | 2019
- **backup administration** | 8yrs | 2019
- **configuration** | 8yrs | 2019
- **ibm system i** | 8yrs | 2019
- **implementation** | 8yrs | 2019
- **monitoring** | 8yrs | 2019
- **recovery** | 8yrs | 2019
- **capacity planning** | 7yrs | 2019

- **documentation** | 7yrs | 2019
- **linux** | 7yrs | 2019
- **cluster** | 6yrs | 2019
- **rdbms** | 6yrs | 2019
- **apache hadoop** | 6yrs | 2019
- **apache sqoop** | 6yrs | 2019
- **hdfs** | 6yrs | 2019
- **hbase** | 4yrs | 2019
- **hive** | 4yrs | 2019
- **mapreduce** | 4yrs | 2019
- **pig** | 4yrs | 2019
- **sqoop** | 4yrs | 2019
- **yarn** | 4yrs | 2019
- **disaster recovery** | 7yrs | 2014
- **software** | 7yrs | 2014
- **upgrades** | 7yrs | 2014
- **operating systems** | 6yrs | 2013
- **apache**
- **administration**
- **hadoop**
- **ibm**
- **software documentation**

## Work Preferences

- Likely to Switch: Most Likely
- Willing to Relocate: Yes
- Work Authorization:
  - US
- Work Documents:
  - Have H1
- Desired Hourly Rate: 88+ (USD)
- Desired Salary: 176000+ (USD)
- Security Clearance: No
- Third Party: Yes
- Employment Type:
  - Contract - Corp-to-Corp
  - Contract to Hire - Corp-to-Corp

## Profile Sources

- Dice:

<https://www.dice.com/employer/talent/profile/cb993976452594eb1aef0d845c710607fc8d7df5>