

# Boopathi K

Big Data Administrator

## Area of Expertise

Cloudera Manager, Hadoop Administration, Kerberos, Security, AWS Administration, Linux Administration, Automation.

## Programming

Python, Shell Scripting.

## Education

Master of Computer Application(2015), Bachelor of Computer Science(2013).

University: Amrita

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## Contact

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DOB: 6th June 1993

preferred location:  
Bangalore

## Languages

English, Tamil & Malayalam.

## Professional Summary

3+ years of extensive experience as a **Big Data Administration in Hadoop(CCA131 Certified), Cloud & Linux systems**. Expert in Installing, Configuring, Tuning, Troubleshooting & Managing **Cloudera Distributions of Hadoop** clusters & its eco system. Hands-on experience & expert in Deploying, Integrating, Securing & Debugging Big Data tools & it's applications in **Cloud & On-premise servers**.

## Profile Snapshot

- Cloudera Certified **CCA131 Hadoop Administrator**, License: 100-020-159.
- Excellent knowledge & hands-on experience in **Managing Hadoop clusters in Production, Development & Sandbox environments**.
- Expert in **Installing, Configuring, Upgrading, Securing & Patching** Cloudera Hadoop Distribution(HDFS, YARN, Hive, Impala, Sentry, HBase, Hue, Oozie, Spark, Sqoop, Solr, Zookeeper).
- Hands-on experience in migrating, scale-up/scale-down, OS upgrading(RHEL 6 to 7) Hadoop Clusters as per business requirements.
- Practical knowledge in **Troubleshooting & Administration** of Hadoop components, Linux & other Big Data tools.
- Expert in monitoring Hadoop cluster issues & job to provide **Optimization** on OS, cluster resource & job level.
- Excellent Administration & Troubleshooting skills in **Amazon Web Services**.
- Expert in Troubleshooting Linux server & application issues as part of administration.
- Tools Handled, including but not limited to - **ELK, Apache, Tomcat, Nginx, MySQL, Oracle, Amazon Aurora, Axibase, Spotfire, Tableau, Neo4j, Snaplogic, AWS CLI, Ganglia & DataBricks**.
- Experience with complete **Software Design Life-cycle** including design, development, testing & implementation of moderate to advanced complex systems.
- Proven **interpersonal, communication & presentation** skills with the ability to work under pressure.

## Skills

- Hadoop Administration
- AWS Administration
- Security Management
- Linux, Unix & SQL
- Requirement gathering & Documentation
- System Administration
- Installation & Configuration
- Troubleshooting
- Liaison & Coordination
- Client Relationship Management

# Experience

Nov 2015  
Present

**Knowledge Lens, Bangalore**

Big Data Administrator

- Involved in end to end process of Hadoop cluster setup where in installation, configuration & monitoring the Hadoop Cluster.
- Responsible for Cluster maintenance, Commissioning & Decommissioning Data nodes, Cluster Monitoring, Troubleshooting, Manage & review data backups & Hadoop log files.
- Responsible for Cloudera Hadoop Cluster Upgrading & Patching.
- Installation & configuration of various Hadoop Ecosystems & Hadoop Daemons.
- Managed & reviewed Hadoop Log files as a part of Administration for Troubleshooting purposes. Communicate & escalate issues appropriately with all stakeholders.
- As a admin followed standard Back up policies to make sure the High Availability of cluster.
- Involved in Analyzing system failures, identifying root causes & recommended course of actions. Documented the systems processes & procedures for future references.
- Worked with systems engineering team to plan & deploy new Hadoop environments & expand existing Hadoop clusters.
- Monitored multiple Hadoop clusters environments using Ganglia. Monitored workload, job performance & capacity planning using Cloudera Manager.
- Involved in Installing & configuring Kerberos for the authentication of users & Hadoop daemons.
- Responsible for maintaining the security on cluster wide & Hadoop data across different work-streams.
- Responsible for Troubleshooting Security & connectivity issue in Hadoop cluster & other related services including BI tools.
- Responsible for on-boarding new Application teams & Business users to Hadoop cluster & educate them with Hadoop functionality.
- Responsible for regular maintenance of Linux servers, Patching & Upgrading including Linux packages & applications.
- Responsible for Administration of AWS services, regular maintenance & maintaining security across different teams using IAM services.
- Installing, Configuring, securing, monitoring & back-up of ELK stack for logging.
- Installing, Configuring & Securing web application with Apache/Tomcat using Proxy pass & SSO.

Jun 2015  
Oct 2015

**Incture Technologies, Bangalore**

Associate Consultant Technology

- Analyzing the root cause of an incident raised by user & providing the resolution through a workaround.
- UAT aligned with Business Analyst & suggesting CRs for a major code change.
- Handling problematic tickets from the functional side to incorporate a bug fix.
- Interaction with users, Business Analyst & peer teams for resolution purpose.