



SOPHIA BROWN

Assistant Senior Hadoop Administrator I

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PROFESSIONAL SUMMARY

With a decade of experience in Hadoop administration, I excel in optimizing and managing large-scale Hadoop ecosystems. My expertise includes configuring, monitoring, and troubleshooting to ensure high availability and performance. I am dedicated to leveraging advanced big data technologies to enhance data processing efficiency and drive impactful business results.

WORK EXPERIENCE

Assistant Senior Hadoop Administrator I 📅 Apr / 2019-Ongoing
Blue Sky Innovations 📍 Chicago, IL

1. Managed and optimized Hadoop clusters to ensure efficient data processing and high availability.
2. Utilized Cloudera Manager for monitoring job performance and capacity planning.
3. Analyzed system failures, identified root causes, and recommended solutions.
4. Engaged with Cloudera support to resolve issues effectively.
5. Leveraged Flume for data ingestion from web servers into HDFS.
6. Designed and implemented backup and disaster recovery procedures for data integrity.
7. Automated cluster maintenance tasks, decreasing manual intervention by 40% and improving reliability.

Senior Hadoop Administrator 📅 Apr / 2015-Apr / 2019
Summit Peak Industries 📍 Denver, CO

1. Oversaw the complete lifecycle of Hadoop cluster setup, including installation and configuration.
2. Conducted routine cluster maintenance and monitoring, ensuring optimal performance.
3. Installed and configured various Hadoop ecosystem components, including Hive, Pig, HBase, and Sqoop.
4. Customized Hadoop property files (core-site.xml, hdfs-site.xml, mapred-site.xml) based on job requirements.
5. Facilitated data loading from UNIX file systems to HDFS, enhancing data accessibility.

EDUCATION

Bachelor of Science in Computer Science 📅 Apr / 2012-Apr / 2015
State University 📍 Denver, CO

Focused on software development and data management principles.

SKILLS

Data Analysis Tools



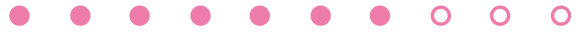
Pig Latin Scripting



Spark Integration



Data Ingestion Tools



Sqoop Data Transfer



INTERESTS

✍ Writing

🐾 Running

🚣 Fishing

🎵 Music

STRENGTHS

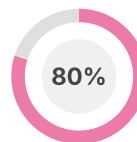
🚩 Determination

🔄 Adaptability

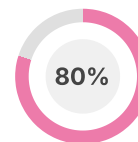
💡 Ingenuity

➡ Forward-thinking

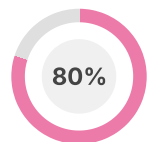
LANGUAGES



English



Swahili



German

ACHIEVEMENTS

★ Successfully reduced cluster downtime by 30% through proactive monitoring and maintenance protocols.

★ Implemented data backup strategies that improved data recovery time by 50%.

★ Led a team to upgrade Hadoop clusters, enhancing processing speed by 25%.