

ANUPAM ALOK

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Technical Summary and Expertise

- 8.1 years of experience in Software Development with designing, developing, integrating, and supporting corporate tools and applications class architecture using **Big Data, Hadoop, Apache, Spark, Storm, Hive, Hbase, Java, kafka, eventhub, Azure, Design Pattern**.
- Worked on Hortonworks Hadoop framework with **Ambari**.
- Experience in Agile and Kanban Methodology
- Apply in-depth understanding of business and IT requirements to streamline administration and internal processes, resulting in enhanced automation and operational efficiency.
- Experience leading multiple projects management simultaneously
- Well-honed ability to learn and apply new technologies quickly.
- Expert knowledge of object-oriented programming languages **CORE JAVA**.
- Hands on Experience in IDE like **Eclipse, TOAD**.
- Hands on Experience major component of Hadoop eco system **ETL, HDFS, HIVE, Parquet, ORC, HBASE and KAFKA**.
- Skilled communication, presentation, analytical, and problem-solving ability.
- Applied Innovative ideas for Dell to improve the business.
- Knowledge of **Kubernetes** and **Docker**.
- Hands on Experience on **Azure Cloud**.

Employment Detail	Duration	Designation
Dell Software	18 th Feb, 2013– April, 2017	Software Engineer 2
Dell R & D	May 2017 – Present	Senior Software Engineer

Technical Skill

Language	Core Java, Spark batch and Streaming, Sqoop, Storm, Kafka streaming, Kubernetes, Golang
IDE	Eclipse, Toad.
Container	Kubernetes and Docker
Data Base	Oracle, Hive, HBase, Cosmos Document Db
Architecture	Design Patterns
Servers	Windows 2012, Windows 2008, Unix
OS	MacOX, Windows, Linux
Cloud	Azure and Pivotal

Education:

Institute	Grade/Percentage	Grade/Percentage
Bachelor of Engineering in Information Technology	68 %	2012
HighSchool:2 nd Grade(Science)	64.4%	2008
Secondary School: 10 th Grade	75%	2004

PROFESSIONAL EXPERIENCE

SupportAssist is the Smart technology that proactively checks the health of your system hardware and software. When an issue is detected the necessary system state information is sent to Dell

- Pre Processing of SupportAssist on Azure Datahub

The main objective of this module was to process all the collection which comes on dell via webservice. Transformation done was extraction of files from azure blob store, transform xml to json, conversion on google protobuf protocol and sent it to EventHub. It has been Deployed on Azure Kubernetes services.

Responsibilities

- Design and developed Kafka Stream Application for High data volume for real time data volume and High volume Data.
- Design and developed multiple Spark Streaming Application (Ingestions and Others) for real time data process and High data volume.
- Developed Elastic search module for fast Data Retrieval.

Environment: Azure, Elastic Search, Java, Kafka, google protobuf, blobstore, docker, Kubernetes.

- SupportAssist Enterprise Collection Analysis

This project is used for providing data to different analytics team so that they can run analytics on data to understand problems in business and can resolve that.

Responsibilities:

- Design and developed multiple Spark Batch Application for High data volume.
- Design and developed applications integrated with Kafka for stream processing.
- Design and developed Storm applications for Data processing (ETL).
- Developed Elastic search module for fast Data Retrieval.
- Developed Sqoop script to transfer data from Hive to Oracle

Environment: Horton works Distribution -2.3.4.0/2.5.3, Kafka, Spark, Storm, Hive, HBase, Hadoop or HDFS, Sqoop, Unix scripts, Ambari, Zookeeper, Yarn, Elastic Search, Java1.8.0_51(64 bit), SOAP and Rest Webservice, MongoDB, , Oracle 12c, Azure.

- Clickstream Log processing

Clickstream log is a collection created by the user click activity on the dell server or laptop, Dell Analytics team wanted to capture all the important activities performed by the user to find out what action was causing what

result in order to do that we developed a storm job to parse a JSON file reading from Kafka queue and to push the message to Kafka queue further to save it in Hive.

Responsibility: -

- Developed storm code to parse the JSON File and push it to Kafka queue and then spark job to put it in hive table.

Technology Used: Java, Spark, Storm, HBase, Kafka

- LC log and MUT Log Analysis

LC and mut log are the log file in the collection which contains the detail of system life cycle logs like login using which account and other details whereas Mut capture the details of dell specific protocols. A CSV was expected from business with the correct and useful information from these logs we developed a spark application for the same which use to perform this task.

Role and Responsibility: -Developed Spark code to parse the XML File and store it in Hive table in hive to push the CSV.

Technology Used: Java, Spark, hive, shell script

CERTIFICATION:

1. Got certificate in Mathematics Olympiad
2. Certified in IBM DB2 and IBM RAD.
3. Certificate of participation in IBM TGMC 2010
4. **Blue Scholar** Certified by **IBM**.
5. **Pivotal Cloud Foundry** –Developer Certified

PERSONAL DETAILS

Name: -Anupam Alok

Fathers Name: -Mr. Yogendra Nath Sinha

Native Place: -Hazaribagh

Language Known: -English, Hindi

Nationality: - Indian

Date Of Birth: -09th July,
1990 **Sex:**-Male