**Resume**

T.Gopi chaithanya

Senior Software Engineer

Hyderabad

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**Career Objective:**

A confident and motivated person with sound technical skills seeking challenging position as a software professional in Java technologies with a degree of innovativeness and problem solving capability.

**Professional Summary :**

* Over 4+ years of experience in **IT Industry** as **BigData, Hadoop, Java/J2EE Developer** with consistent track record of excellent performance.
* Experience in Working **Docker integration Jenkins** for pipeline scripts for Deployment automation.
* Currently mostly working with **BigData** Hadoop Application in AWS Cluster.
* Expertise in MapReduce Programming in Hadoop Applications.
* **Over 2+ Experience in Working and Integration with Spark Streaming kafka and Storm.**
* Experience in working different Programming Languages **Java,Scala,Python.**
* Experience in working with **Hive and Pig, Sqoop** and design the User defined function according to the client requirements.
* Experience in working with **Elastic Search and kibana.**
* Experience in Developing the dashboards Using **QlikView Tools** for Visualization of DataSets through Hive Queries.
* Expertise in working with Stored procedures,Joins.
* 2+ years of experience in working with **Hortonworks Data platform-Hadoop ecosystem and Cloudera Distributions and MapR**.
* Expertise in Hadoop Databases like **HBase and Hive**, Relational Databases like **Oracle 11g,12c, MySQL, Postgresql ,Teradata**.
* Knowledge on **Microsoft Azure Blob,Devops** and **Cluster infrastructure**.
* Over 2+ years Experience in NOSQL Databases like **MongoDB, Apache Cassandra**.
* Exposure in working with **Databricks Apache Spark with Scala.**
* Exposure in working with **Apache Camel.**
* Experience working with **SOAP/RESTful WebServices With Spring Rest, Axis, JAX-RS,JAX-WS & Jersey Frameworks**.
* Experience working with **MVC Architecture, Spring Core, Spring Boot, Hibernate, JPA Frameworks**, SOAP & RESTful Web services & front-end application design using **AngularJs, JQuery, JavaScript, Bootstrap, JSP, HTML, CSS.**
* Expertise in writing **Junit test cases** for large-scale, Web-based development project using **Mockito** framework.
* **SDLC** experience including Requirement Analysis, Preparations of Technical Specifications Document, Design, Coding, Application Implementation, Unit testing, System Testing, Documentation, Production Support, Functional and Regression Testing.
* Experience in working **agile software development methodology and waterfall model**.
* Excellent Client interaction skills and very good team player, with the ability to work independently.
* Committed to deliver quality product within timeline.
* Quick learner of innovative technologies and ability to work within a team as well as cross-team.
* 1+ years’ Experience in Implementation of ETL Warehouse Implementation.
* Experience in working with **Pivotal Cloud Foundry** for Production Ready Applications.
* Experience in working with **Amazon AWS Cloud**.
* Experience in working with Power BI for Hadoop Analytics in Dashboard design.
* Working with **Continuous Integration Tools** like **Jenkins, Maven, Gradle**.
* Hands on Experience On **WebLogic Server, Glassfish Server, Tomcat** .
* Hands on Experience on **Oracle Public Cloud**.
* Hands on Experience on **Docker Containers** for **Microservice** Implementations.

**Experience Profile:**

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| **Time Period** | **Company Name** | **Company Website** | **Location** |
| Nov 2015 to till date | Merlin Softech & Telecom Private Limited | www.merlinsoftech.co.in | Hyderabad |

**Technical Skills:**

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| **Core competencies** | Hadoop Ecosystem (HDFS, Map Reduce, Pig, Hive, Oozie, Sqoop, Flume, HBase, Spark, Ranger, Kerberos), Java, J2EE, Scala, Kafka, ActiveMQ, Zepplin |
| **Frameworks** | Spring Boot, Spring Batch, Spring Core, Spring MVC, Spring Security, Hibernate, JPA,Junit, Mockito |
| **Web Services** | Restful, SOAP, XML, JAXB, JAX-RS, JAX-WS |
| **Frontend Web Development** | JQuery, Angular JS, JSP, Bootstrap, HTML, DHTML, CSS, JavaScript |
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| **NoSQL Database** | HBase, MongoDB, Cassandra |
| **Relational Databases** | MySQL,Oracle11g,12c,Teradata,Postgresql |
| **Server** | Glassfish, Weblogic 12c,Jboss,Apache Tomcat 7 |
| **Code Coverage Tools** | Sonar Cube |
| **Cloud Technologies** | Pivotal Cloud Foundry, Amazon AWS machine. |
| **Code Review Tool** | Crucible |
| **Design Tools** | Microsoft Visio |
| **Build Tools** | Maven, Gradle, Jenkins,Docker |
| **IDE’s** | Eclipse, IntellijIdea, Spring STS, Notepad++ |
| **Operating System** | Windows,Linux |
| **Version Control** | Github,SVN(Subeclipse for eclipse,Tortoise for SVN Client)  |
| **Other Tools** | SQL Developer,Toad. |

**Project Profile:**

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| **Client** | Confidential US Client |
| **Duration** |  Nov 2019 to till Date |
| **Roles and Responsibilities** | * Analyze and define researcher’s strategy and determine system architecture and requirement to achieve goals.
* Developed multiple Kafka Producers and Consumers from as per the software requirement specifications.
* Configured Spark streaming to get ongoing information from the Kafka and store the stream information to HDFS.
* Used various spark Transformations and Actions for cleansing the input data.
* Developed shell scripts to generate the hive create statements from the data and load the data into the table.
* Wrote Map Reduce jobs using Java API and Pig Latin
* Optimized Hive QL/ pig scripts by using execution engine like Tez, Spark.
* Involved in writing custom Map-Reduce programs using java API for data processing.
* Integrated Maven build and designed workflows to automate the build and deploy process.
* Involved in developing a linear regression model to predict a continuous measurement for improving the observation on wind turbine data developed using spark with Scala API.
* The hive tables are created as per requirement were Internal or External tables defined with appropriate static, dynamic partitions and bucketing, intended for efficiency.
* Load and transform large sets of structured, semi structured data using hive.
* Extract Real time feed using Kafka and Spark Streaming and convert it to RDD and process data in the form of Data Frame and save the data as Parquet format in HDFS.
* Used Spark and Spark-SQL to read the parquet data and create the tables in hive using the Scala API.
* Developed Hive queries for the analysts.
* Worked in AWS environment for development and deployment of custom Hadoop applications.
* Strong experience in working with ELASTIC MAPREDUCE(EMR)and setting up environments on Amazon AWS EC2 instances.
* Cassandra implementation using  Datastax Java API.
* Very good understanding Cassandra cluster mechanism that includes replication strategies, snitch, gossip, consistent hashing  and consistency levels.
* Experienced in using the spark application master to monitor the spark jobs and capture the logs for the spark jobs.
* Implemented Spark using Scala and Spark SQL for faster testing and processing of data.
* Implemented Spark using Scala and utilizing Data frames and Spark SQL API for faster processing of data.
* Involved in performing the analytics and visualization for the data from the logs and estimate the error rate and study the probability of future errors using regressing models.
* Used WEB HDFS REST API to make the HTTP GET, PUT, POST and DELETE requests from the webserver to perform analytics on the data lake.
* Worked on multiple PoC’s on Apache NiFi like executing Spark script, Sqoop scripts through NiFi, worked on creating scatter and gather pattern in NiFi, Ingesting data from Postgres to HDFS, Fetching Hive metadata and storing in HDFS, creted a custom NiFi processor for filtering text from Flow files etc.
* Used Kafka to patch up a customer activity taking after pipeline as a course of action of steady appropriate subscribe supports.
* Cluster coordination services through Zookeeper.
* Experience in extracting appropriate features from data sets in order to handle bad, null, partial records using Spark SQL.
* Collected data using Spark Streaming from AWS S3 bucket in near-real-time and performs necessary Transformations and Aggregations to buil d the data model and persists the data in HDFS
* Developing the MicroService using Spring Boot Dashboard for Grafana,ELK .
* Involved in converting Hive/SQL queries into Spark transformations using Spark RDD's.
* Experienced in working with spark eco system using Spark SQL and Scala queries on different formats like Text file, CSV file.
* Expertized in implementing Spark using Scala and Spark SQL for faster testing and processing of data responsible to manage data from different sources.
* Using spark - Cassandra connector to load data to and from Cassandra.
* Experience in building Real-time Data Pipelines with Kafka Connect and Spark Streaming.
* Responsible in development of Spark Cassandra connector to load data from flat file to Cassandra for analysis.
* Imported the data from different sources like AWS S3, LFS into Spark RDD.
* Responsible in creating consumer API’s using Kafka.
* Responsible in creating Hive tables, loading with data and writing Hive queries.
* Developed end to end data processing pipelines that begin with receiving data using distributed messaging systems Kafka for persisting data into Cassandra
* Worked on a POC to perform sentiment analysis of twitter data using Open NLP API.
* Involved in creating External Hive tables and involved in data loading and writing Hive UDFs.
* Experience in using various compression techniques like Snappy Codec, Lzo, and Gzip to save data and optimize data transfer over network using Avro, Parquet.
* Involved in unit testing and user documentation and used Log4j for creating the logs.
* Written Hive UDFs to sort Structure fields and return complex data type.
* Used distinctive data formats (Text format and ORC format) while stacking the data into HDFS.
* Designed the ETL process and created the high level design document including the logical data flows, source data extraction process, the database staging,job scheduling and Error Handling
* Extract Real time feed using Kafka and Spark Streaming and convert it to RDD and process data in the form of Data Frame and save the data as Parquet format in HDFS.
* Design the Spring Boot Application using Spring Security Authorization,Authentications,Tokens etc.
* Spring Boot Integration With Elastic Search And Kibana to Show Application Status and Log Records Information in the Applications.
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| **Environment** | Core Java 8,Spring Boot,MicroService,Spring Restful Web Service.tomcat,spring Security,Spring IOC,Spring Cloud,Eureka,,Registry,Maven,SBT,Intellijidea,Zipkins,Hadoop,Hive,Spark,Hbase,Ranger ,Pig,Scala,Python,Apache AirFlow, NIFI,Machine Learning,NLP,Azure -Devops,Databricks,Blobs,ALDS,DataFactory,HDFS,Oracle,Hortonworks,Cloudera Distribution,AWS EMR S3,Kafka,Cassandra,SQL,Kafka,ELK,Kibana Streams,Lambda Functions ,Avro,Parque,Flat file ,Spark SQLetc.  |

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| **Client** | US client |
| **Duration** |  Jan 2018 to Nov 2019 |
| **Roles and Responsibilities** | * Analyzed stories, participated in grooming sessions and point estimation for development according to agile methodology.
* Designed & Developed authorization policies for **Hadoop resources**(HDFS, HBase, Hive) using **Ranger API**.
* Designed and developed **Hive scripts**to trigger data transformation and analysis.
* By using **Sqoop** Oracle database transferred the data to Hadoop
* Designed and developed **Oozie workflows**to orchestrate **Hive scripts, shell scripts**& **DistCp**.
* Designed **Talend workflows**to execute Hive scripts based on user stories.
* Developed backend code using **Hadoop Rest API - WebHDFS**to perform file system operations such as create, delete files and directories, open, read or write files etc.
* Developed **UNIX shell scripts**to modify DDL’s to append dynamic parameter and execute in sqlline.py
* Designed and developed **Spring batch**to orchestrate business processes (e.g. provisioning, transformation, and analytics) submitted by the user.
* Developed **RESTful endpoints**(Rest Controller) to retrieve data or perform an operation on the back end.
* Designed and developed static html view to interact with an angular controller to make a call to **Angular**services.
* Designed and developed Admin tool to trigger business process on multiple client projects.
* Perform unit testing using **Junit frameworks, including Mockito**.
* Developing Micro Service using Spring Boot Applications and Deployed in **Pivotal Cloud Foundry**.
* Monitoring the All the Micro Services in Pivotal Cloud Foundry and checking its Health and Performance of the Restful Calls.
* Analyze the Dataset format CSV, JSON etc. and processing data using **Spark SQL**.
* Design the **Spark Streaming Dashboards** using d3.js and Cassandra for data visualization.
* To Perform tuning operations using SparkSQL.
* Finally, all the reports will be saved HDFS file systems for future usage.
* Implement the MapReduce programs deployed into AWS EC2 instances.
* Datasets are **CSV, ORC, Parquet, XML, JSON** file format are Stored into Amazon S3 for processing the data using hdfs file system (mapreduce programs).
* Develop the **MicroService** using kafka,Spring Boot and Spring Cloud and Deployed using Docker.
* Develop the end to end **datalake for ETL** operations using **SparkSQL and scala and Python.**
* **Develop the End to End Dashboard Design Using Spark ML,Kafka,Cassandra,MongoDB,AWS & Azure Blob,Azure Devops**
* Develop the Financial Streaming and Visualization of Stocks and invoice generation of the reports using **Spark Streaming and Flume and kafka along Cassandra,scala.**
* Develop the Build script f**or Docker integration with Jenkins.**
* **Design the DashBoards using QlikView Tool.**
* **To Develop the Cluster and Maintain Elastic Search & Kibana**
* **To Design the ready mate dashboards for client requirements.**
* **To build Continuous Pipelines using Devops Jenkins and Docker environment shipping build to another environment.**
* **To Design Spatial Database Using MongoDB Dashboards using Integration with Spark,Kafka,ElasticSearch,Kibana,MongoDB**.
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| **Environment** | Hortonworks Data Platform -Big Data, Hadoop, HDFS, WebHDFS, WebHCat, Hive, HBase, Apache Phoenix, Oozie, Ambari, Ranger, Kerberos Zookeeper Spark, Shell Scripting, Talend, Java, Sqoop, Spring Boot, Spring MVC, Spring Rest, Spring Security, JPA/Hibernate, Angular JS, GitHub, Tibco Spotfire, Maven, GitHub, Tomcat, Intellij Idea, Pivotal Cloud Foundry, Microservice, AWS EC2,S3 instance, Cassandra, Kafka,spark,scala,Docker,Informatica,Oracle12c,Qlik View,Core Java,elastic Search,kibana,MongoDB |

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| **Client** | SoftBank Group |
| **Duration** | Nov 2016 to Dec 2017 |
| **Roles and Responsibilities** | * Analyzed stories, participated in grooming sessions and point estimation for development according to agile methodology.
* Designed and developed **real-time data streaming** and analytics using **Kafka, Storm and HBase,Spark.**
* **To Design the MicroService Using SpringBoot,MongoDB,Kafka and Deploy the Service Layers in Azure Production Cluster.**
* Designed and created Hive managed tables, **UDFs** and performance tuning using **ORC** file format,**Tez** engine.
* Using Sqoop, **Ingested trip and crash data from Relational database into HDFS in ORC** file format.
* Designed and developed **Oozie workflows to orchestrate Hive scripts, Sqoop**.
* Design the Scripts for MongoDB to Store Documents for Analyze and Prediction based Trends in existing applications.
* Designed and developed **Hive QL** for Data analysis/transformation.
* Developed **REST APIs for the front-end** application to display car health reports using Java, Spring, Hibernate, and Phoenix APIs.
* Design the Micro Service for the Applications and also deployment in pivotal cloudfoundry.
* Analyze the Logs and troubleshooting using elastic search tools.
* Develop the MicroService and Monitoring through Spring Boot Admin
* Develop the ETL Implementation for Reporting and Visualization using Spark Streaming
* Develop the JSON Documents Queries implementation using Elastic Search Stack.
* Design the cluster and Monitor application in elastic search applications
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| **Environment** |  Java, Spring,Big Data, Hibernate, Junit, Oracle, Tomcat, Restful Web services, JIRA, SVN, Hortonworks HDP, Sqoop, Hive, Hbase, Phoenix, Java,Oozie, Kafka, Storm, Tibco Spotfire,Pivotal CloudFoundry,Elastic Search,AWS,S3,Spark,Informatica,MapR Distribution,MongoDB,Azure Devops |

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| **E-Finance World** |
| **Client** | Lakshmi Villas Bank |
| **Duration** | Nov 2015 to oct 2016 |
| **Team Size** | 10 |
| **Roles and Responsibilities** | • Worked on complete life cycle of software development, which included new requirement gathering, redesigning and implementing the business specific functionalities, testing and assisted in deployment of the project to the PROD environment.• Designed and developed applications using Agile Methodology, UML and OOAD.• Created Database objects like tables, views, indexes, program units (procedures, functions, packages). and updated many database related enhancements in the Oracle 11g database. Worked on SQL\* plus for all manipulations in Oracle.• Wrote various Hibernate Queries using Hibernate Query Language (HQL) and hibernate criterion queries to execute queries against database.• Developed complex service components for Data Access Layer, DAO classes to interact with backend using Java and Hibernate Framework.• Involved in writing Hibernate mapping files (HBM files) and configuration files.• Wrote Operations and corresponding handlers to communicate with Oracle database sitting on Linux/Unix server.• Worked extensively on HTML, XHTML, CSS, JavaScript and JSP for development UI. Implemented Spring framework for the backend development. Used Spring AOP and Dependency Injection (IOC) in developing discount generation Services. Configured and accessed Hibernate with Spring IOC.  |
| **Description** | The project deals with customer credit card system. This will give the customers to view their statements, search transactions, download statements, download transactions, view the recent transactions and can do the balance transfers online. The project Online Investment Service (OIS) was designed to facilitate trading in short term paper (Mutual funds, Repos, CDs, Commercial Paper, CRA, and Time Deposits) for high net worth corporate and individual customers. The system comprised Trading desks that were created internally (logical entity) to handle region specific customers and business entities namely Broker were created to provide an interface for the clients to place orders.  |
| **Environment** | Spring3.x, Hibernate3.x, Active MQ, Jasper Reports, Java, jquery, Angularjs, JavaScript, oracle 11g, Teradata, weblogic Server 12c, Maven, Intelljidea,AWS,S3 |

**Education Qualification:**

* Masters of Technology (Information Technology)-HITS(Hyderabad) affiliated to JNTU(Hyderabad)-(2010-2012).
* Bachelor of Engineering (Information Technology) – BITS (Warangal) affiliated to JNTU (Hyderabad) - (2006 to 2010) .

**Personal Details :**

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| **Father Name** | T.SATEESH KUMAR |
| **DateOf Birth** | 26-MAY-1989 |
| **Sex** | MALE |
| **Languages Known** | Telugu,Hindi,English |
| **Martial Status** | Single |
| **Nationality** | Indian |
| **Contact Address** | T.Gopichaithanya,Dhatri residency,Flat No.404,Padmavati Colony, opp:venkateshwara Temple Lane, Kushaiguda, ECIL,Hyderabad-500062 |

**Declaration :**

I hereby affirm that the information provided by me is accurate and true to the best of my knowledge.

**PLACE: Hyderabad**

**DATE:**

  **(T.GOpi CHAITHANYA)**