**Experience Summary**

* Have 8.8 years of overall experience and over 7 years of extensive experience as a Big Data Engineer.
* Expertise in the development of utilizing the Big Data Analytics, AWS, and Snowflake components.

**Employment History**

* Working as a **Data Engineer** at **Advance Auto Parts, Hyderabad** since May 2020.
* Worked as a **Software Engineer** at **EPAM, Hyderabad** from July 2019 to March 2020.
* Worked as a **Consultant** at **Deloitte, Hyderabad** from March 2017 to July 2019.
* Worked as a **Software Engineer** at **Syntel, Pune** from December 2013 to Feb 2017.

**Projects:**

**Big Data - AWS Engineer**

**Advance Auto Parts** – Hyderabad, IN

May 2020 to Present

Project: **MDM** & Responsibilities:

* Have developed ETL frameworks using AWS Glue, Python and PySpark for data processing, transformations, and extractions.
* Have used AWS components (Glue, S3, Lambda, EC2, SNS Topic, Cloud Watch, Step function, IAM user, and SQS) to build various data pipelines per business requirements.
* Implemented near-real-time integration of MDM data into Snowflake using AWS SQS, Lambda services and Streams in Snowflake.
* Have set up the batch process to load JSON files data from AWS S3 to Snowflake using AWS SNS topic, Lambda, Step function and Glue services.
* Worked on migrating AWS Glue jobs from 0.9 to 3 and Python code from 2 to 3 versions.
* Have made the code or version changes for AWS services when there is any update related to resource upgrades from AWS.
* Built queries to convert Snowflake data from relational to JSON and vice versa per business canonical model.
* Have set up the infrastructure for AWS services using Terraform code on all environments.
* Coordinated with the DevOps team for code build and deployment activities.
* Have been involved in production deployment activities. Also, fixed all types of build failures.

**Environment:** Python, PySpark, AWS, Snowflake, Terraform.

**Big Data - Azure Migration Engineer**

**EPAM** – Hyderabad, IN

July 2019 to Mar 2020

Project: **Chevron** & Responsibilities:

* Migrated the Big data applications from on-premise (Cloudera-Hadoop system) to the Microsoft Azure platform.
* Worked on migrating the on-premise data to Azure Data Lake Store(ADLS) using Azure Data Factory(ADF).

**Environment:** Microsoft Azure (Data Factory, Blob, ADLS, Azure DevOps Git for CI/CD), Spark, Hadoop, Hive.

**Big Data Engineer**

**Deloitte** – Hyderabad, IN

April 2017 to July 2019

Project: **Anthem** & Responsibilities:

* Developed the required scripts, including triggering spark jobs that perform the extraction, transformation, and loading of the data from the source to the target HIVE database.
* Extensively used Spark programming and development using Scala to process large data sets.
* Worked on monitoring and managing the Spark jobs using Control-M.
* Worked on migrating spark&scala code from spark 1.6 to 2.2
* Worked on code build and deployment activities using the DevOps Bamboo tool in all environments.
* Developed the test-automation framework using Spark to compare the data between files & HIVE tables and vice versa. Also, it was being used to validate the data quality checks.

**Environment:** Spark 2.2, Spark SQL, HDFS, Hive, Shell Scripting, Control M, Cloudera, Bit Bucket, Putty, Jira.

**Software Engineer**

**Syntel** – Pune, IN

Jan 2014 to Feb 2017

Project: **Humana** & Responsibilities:

* Involved in the complete SDLC of the application from requirement analysis to deployment.
* Involved in developing new web pages and enhancing the existing web pages using .Net and C#.
* Developed the UI using HTML and CSS for interactive cross-browser functionality and user interface.
* Performed Administrative tasks in the project using Team Foundation Server(TFS) and Tortoise SVN.

**Environment:** C#, .Net, JDBC, SQL, HTML, CSS, Eclipse, TFS, and Tortoise SVN.

**Technical Skills**

|  |  |
| --- | --- |
| Big Data Ecosystems  Cloud | Hadoop, HDFS, Hive, PySpark, Spark SQL, and RDD.  AWS (Glue, S3, Lambda, EC2, SNS Topic, Cloud Watch, Step function, IAM user, and SQS), and Terraform. |
| Programming Languages  & Databases | Python, R & Snowflake, MSSQL. |

**Academic Profile**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Institution** | **%Marks** | **Year** |
| B. TECH – CSE | Jayamukhi institute of technological sciences | **85 %** | 2009-2013 |
| HSC | Maharshi Junior College | **92 %** | 2007-2009 |
| SSC | Z.P.S.S High School | **83 %** | 2006-2007 |

I hereby declare that the information that I have furnished is authentic, and true to the best of my knowledge.

Place: Hyderabad

Date: Raju Chiluveru