

VEMIREDDY SREENATH REDDY

Sr Big Data Developer

Passport No: N8548163

- **6+ years of** IT experience in **Big Data with Hadoop, Spark** and its components like Spark core, Spark SQL, Hive, HDFS and **Azure** (Data Factory, Blob Storage, SQL Database).
- Excellent enthusiastic to work with new technologies, analytical skills, communication, interpersonal and strong ability to perform as part of a team and individual.

Work History

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| 2022-06 –
Current | Consultant
<i>U3 Info Tech Pvt Ltd, Singapore</i> <ul style="list-style-type: none">• Working for a Banking client for risk model monitoring. |
| 2020-07 –
2022-04 | Consultant
<i>Ernst & Young, Chennai, Tamil Nādu, India</i> <ul style="list-style-type: none">• Worked with multiple clients for data migration and reporting projects by using Cloud and On-Prem environments. |
| 2019-05 -
2020-07 | Software Engineer
<i>Experis IT Pvt Ltd, Chennai, Tamil Nādu, India</i> <ul style="list-style-type: none">• As per the client requirements, I have designed and developed the frameworks for generate the analytical reports for daily, weekly, monthly, yearly. |
| 2017-03 -
2019-01 | Engineer
<i>RMSI Pvt Ltd, Hyderabad, India</i> <ul style="list-style-type: none">• Worked as a Data Engineer and collaborated with various teams & managed to understand the requirements and gave my best work. |
| 2016-06 -
2017-03 | Trainee Engineer
<i>TriGeo Technologies Pvt Ltd, Hyderabad, India</i> <ul style="list-style-type: none">• Stated my career as Trainee Engineer with Python and MySQL Technologies. |

Education

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| 2011-06 -
2015-05 | Bachelor of Technologies: Mechanical Engineering
<i>Jawaharlal Nehru Technological University - Hyderabad</i> |
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Contact

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Skills

Hadoop, Spark

Python, Scala, Core Java,
Hive, Impala, SQL, Shell, Pig,
Sqoop

AZURE (Data Factory, Blob
Storage, SQL Database)

GitHub

PyCharm, IntelliJ, Eclipse,
Jupyter Notebook

Projects

Project Title: SAS Exit Migration

2022-06 - Current

Description: SAS Exit Migration is a project where we have migrated all the existing SAS scripts into DBS inhouse platform called ADA (Advanced DBS Analytics platform). The Project is all about calculating various reports, especially impact caused by the default accounts from various products which back offers to it retail or non-retail customers, such as Credit cards, Mortgage loans, Cash line, Auto loans etc..

Client: DBS

Technologies: SAS, ADA (Inhouse framework), Python, Spark, Presto, Hive, Hadoop, Airflow, Collibra.

Responsibilities:

- Understood the SAS scripts and prepared the requirement documents.
- Prepared the architecture to fit the requirements in ADA.
- Designed and created the metadata for Collibra.
- Converted all kind of SAS scripts in to PySpark.
- Created a DAGs for the Airflow for scheduling.

Project Title: CRM (Customer Relationship Management) Data Migration

2022-01 – 2022-04

Description: Migrating the data from multiple sources to Azure cloud environment and generating the reports on SQL Database.

Client: ICICI

Technologies: Azure Data Factory, Blob Storage, SQL Database, Oracle, Key-Vault and Vertica.

Responsibilities:

- Created the ADF Pipeline to manage multiple sources and destinations.
- Migrating the data from Vertica On-premises and other environments to Cloud.
- Handling the team.

Project Title: H2H (Hana to Hadoop)

2020-07 – 2021-12

Description: H2H is a migration project from SAP-HANA to Hadoop environment. Need to migrate all possible hana reports into Hadoop with better approaches and as client's requests, hand overed the reports through mails, watch (UI web), different file types and hive tables.

Client: PayPal

Technologies: PySpark, HDFS, Hive, Python, GIT, Shell and Custom PayPal Frameworks.

Responsibilities:

- Prepared the business requirement, Design docs and Application docs.
- Converted the SAP-HANA reports into Hadoop system design and analysis.
- Involved in the Data loading and pre-processing the data using hive and spark.
- Contributed the data move to the mongo and watch reporting UI.
- Developed most of the reports using spark for better performance and approaches.

Project Title: IAP (Integrated Analytics Platform)

2019-05 - 2020-07

Description: Integrated Analytics Platform (IAP) is an analytical project to understand the patient's thoughts in the organization. As an initial task, we have taken the feeds from different applications of data from source systems to understand the data and ingested the same into the Hadoop environment. This project holds the 360-degree view of the patient activities, and we are processing the events of patients into hive tables and analyzing the same.

Client: AbbVie

Technologies: Apache Spark, Hadoop, Hive, Scala, Impala, Shell, Autosys

Roles: Big Data Engineer

Responsibilities:

- Involved in Workflow and pipeline design.
- Ingestion of all source application data into IAP applications.
- Managed the different kinds of data as a data engineer.
- Involved in Spark application development.
- Written the hive and impala queries for transforming and analyzing the data.
- Developed Shell Scripts for handling spark jobs.
- Scheduled the applications using Autosys, so created JIL files for that.
- Managed all kind of report requirements using PySpark.

Project Title: SDC (Spatial Data Collaborator)

2017-03 -2019-01

Description: This project is handles with multiple GIS data source like USGS, Tiger Data (US Govt) etc. As an initial task we need to collect the data from multiple sources to Hadoop environment. Finally merge the data to map development phase.

Client: Apple

Technologies: HDFS, Pig, Hive, HBase, Java, GIT, Shell and Custom apple Software's and Frameworks.

Responsibilities:

- Developed the scripts to read the data from multiple sources and write into Hadoop environment.
- Involved in data movement from SFTP servers to Hadoop env.
- Involved in ingestion data and merge data into map development phase.