

# Suresh Sadu

Sr. Data Engineer/Python Developer

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## Professional Summary:

- **Python Developer** and **Data Engineer** with **10 Plus** years of experience in Designing, Developing, Documentation, and integrating applications using **Big Data** platforms like **Cloudera, Hortonworks, and Map Reduce**, using cloud technologies Mainly **AWS**.
- Strong experience in **Data Analyst, Data mining** with large data sets of Structured and Unstructured data, Data Acquisition, Data Validation, Predictive modeling, Statistical modeling, Data modeling, Data Visualization, Web Crawling, Web Scraping.
- Adept in statistical programming languages like **R** and **Python, SAS, Apache Spark, Matlab** including Big Data technologies like **HDFS, Map Reduce, Hive, HBase, Pig, Spark, Spark Streaming, Impala, Oozie, Flume, Catalog, Kafka, and Sqoop**.
- Experience with all **SDLC** and **Agile** Development model stages right from requirement gathering to deployment and production support
- Experience in configuring the **Zookeeper** to coordinate the servers in clusters and to maintain data consistency
- Experience on **Apache Oozie** for scheduling and managing the Hadoop Jobs
- Experience with extracting Real-time feed using **Kafka** and **Spark Streaming**, converting it to RDD, processing data in the form of Data Frame, and saving the data as Parquet format in **HDFS**
- Experience in working with **MapReduce** programs using **Apache Hadoop** for working with Big Data.
- Extensively worked with **Teradata** utilities Fast export, and Multi Load to export and load data to/from different source systems including flat files
- Experience with visualizing the data using BI and services amp tools such as **Power BI, Tableau and Matplotlib**.
- Experience working on various file-formats including delimited text files, clickstream log files, **Apache log files, Parquet files, Avro files, JSON files, XML files**, and others.
- Experience in data mart life cycle development, performed **ETL** procedure to load data from various sources into Data marts and Data warehouses using **Informatica Power Center**
- Expertise in NOSQL databases and its integration with Hadoop cluster to store and retrieve huge amount of data.
- Experience in writing **SQL queries** and **optimizing** the databases like **MySQL, SQL Server, and Oracle**
- Hands-on experience using **Airflow DAG** for Managing and scheduling Jobs on a Hadoop cluster.
- Good understanding of data modeling (Dimensional & Relational) concepts like **Star-Schema Modeling, Schema Modeling, Fact and Dimension tables**.
- Strong knowledge of NoSQL Databases like **MongoDB, HBase, Oracle, Cosmos DB, and Dynamo DB**
- Experience in **UNIX** Shell Scripting and Deployment of Applications in Server.
- Involved in **Agile** methodologies, daily Scrum meetings, Sprint Planning, and sprint retrospective meetings
- Experience in creating Reports and Dashboards using **Power BI** on the requirement of the team
- Experienced in AWS Cloud Computing services, such as **EC2, S3, Lambda, API, DynamoDB, EBS, VPC, ELB, Route53, Cloud Watch, Security Groups, Cloud Trail, IAM, Cloud Front, EMR, RDS and Glacier** also worked on **DNS, SSL and Firewalls**.
- Collaborated with business partners, operations, senior management, etc. on day-to-day operational support
- Worked with high volumes of data, fine tuning database queries and able to solve complex technical problems. And contributed to multiple projects/demands simultaneously

## Technical Skills:

<b>AWS Services</b>	EC2, S3, ELB, EMR, Auto scaling, Cloud Front, Cloud Formation, RDS, VPC, Direct Connect, Route 53, Cloud watch, Cloud trail, IAM, SNS, S3, DynamoDB, Athena, Redshift, AWS Lambda, AWS Glue, SQS, SNS, API Gateway
<b>Big Data Technologies</b>	Hadoop, HDFS, MapReduce, Hive, Pig, Apache Spark, Sqoop, Impala, Zookeeper, Spark, Flume
<b>Hadoop Distribution</b>	Cloudera, Hortonworks, MapR, AWS EMR
<b>Python Libraries</b>	NumPy, PyTables, Data Frames, Pandas, Matplotlib, SQL Alchemy
<b>Automation Tools</b>	Puppet, Chef, Docker, Ansible, Jenkins, Terraform, Kubernetes
<b>Visualization Tools</b>	Power BI and Tableau
<b>Schedulers</b>	Airflow, Oozie, NiFi
<b>Data Warehouse</b>	Azure Synapse, AWS RedShift, and Snowflake
<b>Databases</b>	Azure SQL Database, Amazon RDS, Oracle DB, Microsoft SQL Server, IBM DB2, Postgres, Teradata, MongoDB, Cassandra, DynamoDB
<b>Version control Tools</b>	Git, SVN, Bitbucket, CVS
<b>Data Modelling</b>	Dimensional Data Modeling, Star Schema, Snowflake Schema.
<b>Programming &amp; Scripting Languages</b>	Python, Scala, Java, MySQL, PL/SQL, Shell Scripting, HQL, Perl, Ruby, Bash Shell scripting, YAML
<b>Distributed platforms</b>	Hortonworks, Cloudera, AWS EMR, AZURE HDInsight
<b>Virtualization</b>	VMware, Windows Hyper-V, vSphere 5.x, Datacentre Virtualization, Virtual Box

## Work Experience:

**Humana Health Care, Irving, TX**  
**Senior Data Engineer/Python Developer**

**June 2021 - Present**

### Job Duties:

- Gathered requirements from business/user groups to analyze, design, development, and implement according to client requirements.
- Worked in designing tables in **Hive, MYSQL** using **SQOOP** and processing data like importing and exporting of databases to the **HDFS**, involved in processing large datasets of different forms including structured, semi-structured and unstructured data
- Cleaned data and processed third party spending data into maneuverable deliverables within specific format with Excel macros and python libraries such as **NumPy, SQLAlchemy** and **matplotlib**
- Involved in designing and deploying multi-tier applications using all the AWS services like (EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud Formation.
- Transferred the data using Informatica tool from **AWS S3** to **AWS Redshift**.
- Worked on ETL Migration services by developing and deploying **AWS Lambda** functions for generating a serverless data pipeline which can be written to **Glue Catalog** and can be queried from **Athena**.
- Used **AWS Glue** for the data transformation, validate and data cleansing.
- Created monitors, alarms, notifications and logs for **Lambda functions, Glue Jobs, EC2** hosts using **CloudWatch**
- Designed the Data Marts in dimensional data modelling using star and **snowflake** schemas.
- Used **Data Frame API** in Scala for converting the distributed collection of data organized into named columns, developing predictive analytic using Apache Spark Scala APIs.
- Used **XML Schema** to transform XML documents from one structure to another that was useful when integrating data from different systems that use different XML structures.
- Implementations of generalized solution model using **AWS Sage Maker**.
- Using the core Spark APIs and processing data on an **EMR** cluster.
- Programmed in **Hive, Spark SQL and Python** to streamline the incoming data and build the data pipelines to get the useful insights, and orchestrated pipelines.
- Worked on analyzing Hadoop cluster using different big data analytic tools including Flume, Pig, Hive, HBase, Oozie, Zookeeper, Spark and Kafka
- Used **AWS** for improved efficiency of storage and fast access and Working on Development and testing of many features for dashboard using **Python, Bootstrap, CSS3, JavaScript** and JQuery.
- Developed dashboards and visualizations to help business users analyze data as well as data insight to upper management with a focus on Microsoft products like **SQL Server Reporting Services (SSRS)** and **Power BI**.
- Built Teradata ELT frameworks which ingests data from different sources using Teradata Legacy load utilities.
- Worked on **ETL pipeline** to source these tables and to deliver this calculated ratio data from **AWS**
- **Extracted** data from the internal sources and **data-driven** workflows and developed **AWS EC2** and **S3** for processing and storage of the migrated data and ingested data from different source systems like **relational** and **non-relational** to meet business requirements
- Built **Data Models** and **Dimensional Modeling** with Star, and **Snowflake** schemas for **OLAP**
- Managed and automated the data using **Apache NiFi** to manage the real-time data flow.
- Used **Pandas** as API to put the data as time series and tabular format for manipulation and retrieval of data
- Generated **Python Django** Forms to record data of online users
- Developed **cloudformation** templates for most used AWS services like **elasticsearch, cloudfront, ECS, EKS, Api Gateway, Transit Gateway**,
- Created dynamic Tableau dashboards, trend charts to cater to various business scenarios with integrations from multiple sources - **Snowflake database, excel sheets** and tables
- Implemented a module to connect and view the status of an Apache Cassandra instance using **Python**.
- Using **Python** included **Boto3** to supplement automation provided by Ansible and Terraform for tasks such as encrypting EBS volumes backing AMIs and scheduling Lambda functions for routine AWS tasks.
- Improved the Data Security and generated report efficiently by caching and reusing data
- Working with complex **SQL views, Stored Procedures, Triggers**, and packages in large databases from various servers
- Managed datasets using Panda data frames and MySQL, queried MYSQL database queries from python using **ETL**.
- Developed data transition programs from **DynamoDB** to **AWS Redshift** for ETL Process using **AWS Lambda** by creating functions in Python events based on use cases.
- Implemented end-to-end systems for **Data Analytics, Data Automation** and integrated with custom visualization tools using **Hadoop** and **MongoDB**.
- Utilized **Spark, Scala, Hadoop, HBase, Cassandra, MongoDB, Kafka, Spark Streaming, MLLib, Python**, a broad variety of machine learning methods including classifications, regressions, dimensionally reduction etc.
- Develop structured, efficient and error-free codes for **Big Data requirements** using my knowledge in Hadoop and its Eco-system.
- Used **Flume** to collect, aggregate, and store the weblog data from various sources and pushed to **HDFS**.
- Created, and provisioned different EMR clusters, notebooks, jobs, and auto scaling using the **Hadoop** applications and processed the data using the **PySpark**.
- Created several Spark jobs with **PySpark** to perform several table-to-table operations
- Recorded the online users' data using Python **Django** forms and implemented test case using Pytest.
- Wrote UDF's in **Scala** and **Pyspark** to meet specific business requirements

- Responsible for writing **OOP** code in Python for server side scripting
- Involved in working with **Python open stock API's**
- Developed a fully automated continuous integration system using **Git, Jenkins, MySQL** and custom tools developed in **Python** and **Bash**
- Involved in building database Model, APIs, and Views utilizing Python technologies to build web-based applications

**Environment:** AWS, Python, CI/CD, PySpark, Django, Pandas, NumPy, SQLAlchemy, Matplotlib Apache Scala, Kafka, Snowflake, Hadoop, Hive, HDFS, ETL, Git, Jenkins, Oozie, Apache, Sqoop, Zookeeper, Pytest, SQL, DB2, Flume, Power BI, MySQL, EC2, S3, AWS Lambda, DynamoDB, AWS Redshift HTML5/CSS3, OLAP, Agile

**Harvard Pilgrim Health Care, Quincy, MA**  
**Cloud Data Engineer/Python Developer**

**Mar 2020 – June 2021**

#### **Job Duties:**

- Developed Data pipelines using **Python** for medical image pre-processing, Training and Testing.
- Involved in the development of data ingestion, aggregation, integration, and advanced analytics using **Snowflake**
- Developed several **Spark/Scala** scripts for data extraction from various sources and provided data insights and reports as per need.
- Wrote **Spark SQL scripts** to run over imported data and existing RDDs and implemented Spark practices partitioning, caching, and check pointing
- Developed code from scratch using **Scala** according to the technical requirements
- Loaded all data into **Hive** from source CSV files using **Spark**
- Worked on extracting Real-time data using **Spark Streaming** and **Kafka**, converted it to **RDD**, processed it into **Data Frame**, and load the data into **HBase**.
- Maintained and configured the data using **Zookeeper** and tracked the nodes in the **Kafka cluster**.
- Used **Spark SQL** to read the **Parquet data** and loaded tables in the **Hive** to **Spark** using **Scala**.
- **Developed Spark jobs** using **Scala** and **Spark SQL** for faster testing and data processing
- Worked on deriving **Structured Data** from **Unstructured** data received using **Spark**.
- Created automated pipelines in AWS Code Pipeline to deploy Docker containers in AWS ECS using services like **Cloud Formation**, **Code Build**, **Code Deploy**, **S3**
- Developed Cloud Formation templates, also launched AWS Elastic Beanstalk for deploying, monitoring and scaling web applications using different platforms like **Docker**, **Python**
- Was responsible for creating on-demand tables on S3 files using Lambda Functions and AWS Glue using **Python** and **PySpark**
- Used Agile methodology for rewriting existing **Python/Django** modules to deliver certain format of data and responsible for debugging the project monitored on **JIRA**.
- Worked on importing and exporting data from **snowflake**, **Oracle** and **DB2** into **HDFS** and **HIVE** using **Sqoop** for analysis, visualization and to generate reports
- Managed the imported data from different data sources, performed transformation using **Hive**, **Pig** and **Map- Reduce** and loaded data in HDFS
- Used **XML Schema** tool to ensure data quality, facilitate data integration, and simplify data serialization.
- Used various sources to pull data into Power BI such as SQL Server, Excel, Oracle, etc.
- Integrated **Oozie** with the rest of the Hadoop stack supporting several types of **Hadoop jobs Map Reduce, Hive, and Sqoop** as well as system-specific jobs such as Java programs and Shell scripts.
- Wrote scripts and indexing strategy for a migration to Confidential **Redshift** from SQL Server and **MySQL** databases
- Worked in open source migration tools and **AWS migration** services to migrate database and applications like **Mongo DB, MySQL**
- Responsible for Running the Work Flows for ETL process and verifying the data in target database by **ETL** process
- Created functions in **AWS Lambda** to run python scripts and AWS Lambda using java to perform event driven processing.
- Used Python scripts to update content in the database and manipulate files and generated Python **Django** Forms.
- Designed and maintained databases using Python and developed Python-based API using **Flask** and **PostgreSQL**
- Created required shell or python scripts for data push from **Informatica/Teradata** to S3
- Worked on **big data (Hadoop)** environment along with exposure to **HIVE, Spark, Cassandra, SQL** and **ETL** components.
- Extensively worked on **Jenkins** to implement continuous integration (**CI**) and Continuous deployment (**CD**) processes
- Developed frontend and backend modules using Python on Django including Web Framework using **Git** and **GitHub**
- Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets
- Configured **JIRA** workflows according to the needs of the team and integrated the project management features of JIRA with the build and release process.
- Hands-on experience on working with AWS services like **Lambda** function, **Athena**, **DynamoDB**, **Step functions**, **SNS**, **SQS**, **S3**, **IAM** etc.
- Creating different **AWS Lambda** functions and API Gateways, to submit data via API Gateway that is accessible via Lambda function
- Developed **Restful API's** using Python for customer care system which can be used to easily access customer and product data
- Used **AWS Glue** for the data transformation, validate and data cleansing.
- Integrated **Docker** container orchestration framework using Kubernetes by creating pods, configuration Maps and deployments

**Environment:** Python, Scala, Django, Hive, Pig, Sqoop, Map- Reduce, HDFS, Restful API, Power BI, Airflow, Data Factory, Spark, Kafka, Hive, CI/CD, AWS Lambda, S3, IAM, Dynamo DB, JIRA, Git, GitHub, Docker, Jenkins, JSON, SQL, Zookeeper, Snowflake, Tableau, SVN, Informatica, Teradata, Flask, PostgreSQL

**Job Duties:**

- Worked on various AWS services like **EC2, Cloud Formation, code commit, code pipeline, CloudWatch, SNS, S3 bucket, Auto scaling, Load balancer**
- This project will download the data that was generated by real-time transaction activities, the data will be processed and stored in the **AWS EC2** and **S3** and collected into the **HDFS** system online aggregators by **Kafka**
- Worked on creating **Kafka** producer and **Kafka** consumer for **Spark streaming** which gets the data from different learning systems of the patients.
- **Spark Streaming** collects this data from **Kafka** in **near real time** and performs necessary **transformations** and aggregation on the fly to build the common learner data model.
- Used **Spark Streaming** to divide streaming data into batches as an input to the Spark engine for batch processing
- Worked with **AWS** to spin up the **EMR** cluster to process the huge data which is stored in **S3** and push it to target
- Implemented Spark SQL to access hive tables into spark for faster processing of data
- Configured **AWS IAM** and Security Groups in Public and Private Subnets in **VPC**
- Developed **Rest API's** using Python with flask framework and done the integration of various data sources including Java, JDBC, RDBMS, Shell Scripting, Spreadsheets, and Text files.
- Developed Data pipeline using **Spark, Hive, Impala, and HBase** to ingest customer behavioral data and financial histories into Hadoop cluster for analysis.
- Implemented **Agile** Methodology for building an internal application
- Expertise in **Snowflake** to create, Maintain Tables, and views
- Performed Data Cleaning, features scaling, features engineering using pandas and numpy packages in Python.
- Managed network security using Load balancer, Auto-scaling, Security groups and NACL
- Creating and maintaining an **AWS EKS** cluster for production deployments.
- Utilized **AWS CLI** to automate backups of ephemeral data-stores to S3 buckets, EBS and create nightly AMIs for mission critical production servers as backups.
- Created various complex **SSIS/ETL** packages to Extract, Transform and Load data
- Used **Ansible** for configuration management of hosted Instances within AWS
- Configuring and Networking of **Virtual Private Cloud (VPC)**
- Used various python libraries such as Matplotlib for charts and graphs, **PySide, PyMongo, PySpark, Pickle, Pandas data frame, MySQL** for database connectivity
- Experienced with event-driven and scheduled **AWS Lambda** functions to trigger various AWS resources
- Used **AWS Glue** catalog with crawler to get the data from **S3** and perform sql query operations
- Automated the infrastructure in Google Cloud by using Deployment Manager Templates for various services in **GCP**
- Implemented and maintained the monitoring and alerting of production and corporate servers/storage using **Cloud Watch**.
- Responsible for build and deployment automation using **VM Ware ESX, Docker, Kubernetes** containers and Chef
- Built and engineered servers on Ubuntu and **RHEL Linux**

**Environment:** AWS, Python, Django, Restful API, SSIS, ETL, Spark, Kafka, CI/CD, AWS Lambda, AWS Glue, EC2, S3, IAM, CLI, EKS, CloudWatch, DynamoDB, JIRA, Git, GitHub, PySide, PyMongo, PySpark, Pickle, Pandas data frame, MySQL, Docker, Jenkins, Ansible, VM Ware ESX, Docker, Kubernetes, SQL, Snowflake, Tableau, SVN, Informatica, Teradata, ETL, Agile, RHEL, Linux

**Job Duties:**

- Worked in Server infrastructure development on **AWS Cloud**, extensive usage of Virtual Private Cloud (**VPC**), Cloud Formation, Lambda, Cloud Front, Cloud Watch, IAM, EBS, Security Group, Auto Scaling, Dynamo DB, Route53, and Cloud Trail
- Designing and building multi-terabyte, full end-to-end **Data Warehouse infrastructure** from the ground up on Confidential Redshift for large-scale data handling Millions of records every day
- Setup **Azure Virtual Appliances (VMs)** to meet security requirements as software based appliance functions (firewall, WAN optimization and intrusion detections)
- Migrated the **Django** database from **SQLite** to **MySQL** to **PostgreSQL** with complete data integrity and Designed, developed and deployed CSV Parsing using the big data approach on AWS EC2.
- Used different tools for data integration with different **databases** and **Hadoop**.
- Developed **SSRS** reports, **SSIS** packages to Extract, Transform and Load data from various source systems
- Implementing and Managing **ETL** solutions and automating operational processes
- Optimizing and tuning the **Redshift** environment, enabling queries to perform up to 100x faster for Tableau and SAS Visual Analytics.
- Create several types of data visualizations using **Python** and **Tableau**.
- Developed **Python scripts** to take backup of EBS volumes using **AWS Lambda** and **Cloud Watch**
- Defined facts, dimensions and designed the data marts using the Ralph Kimball's Dimensional Data Mart modeling Methodology using **Erwin**.
- Advanced knowledge on Confidential **Redshift** and MPP database concepts
- Migrated on premise database structure to Confidential Redshift data warehouse



- Was responsible for ETL and data validation using **SQL Server Integration Services**
- Worked publishing interactive data visualizations dashboards, reports /workbooks on Tableau and SAS Visual Analytics

**Environment:** AWS, Python, SSIS, SSRS, AWS Lambda, EC2, S3, IAM, CloudWatch, JIRA, Git, MySQL, Docker, Jenkins, Ansible, VM Ware, Docker, Kubernetes, SQL, Snowflake, Tableau, RedShift, SVN, ETL, Agile, Linux, ETL, Erwin

**Visa Inc, Ashburn, VA**  
**Python Developer/Data Engineer**

**May 2015 - Aug 2016**

**Job Duties:**

- Created and maintained **Subversion/GIT** repositories, branches, tags and performed merges in stash and GIT.
- Managed version control tool **Git** to version code changes to help developers/programmers branch/merge/revert code.
- Experience with software development methodologies such as **Waterfall and Agile (Scrum)**
- Migrating Physical servers to VM's using **VMware** P2V converter in **JBOSS** web environments.
- Developed and maintained **Perl/Shell** scripts for build and release tasks.
- Designed **Terraform** template for Launch the **EC2** instance with **IAM, VPC, Subnet, Security Groups, Route Table and Internet Gateway**
- Worked in designing and implementing continuous integration system using Jenkins by creating **Python** and **Shell scripts**
- Building Puppet enterprise modules using puppet DSL to automate infrastructure provisioning and configuration management to existing infrastructure by deploying **Puppet, Puppet Dashboard** and **Puppet Data Base**
- Defined AWS Security Groups, which acted as virtual firewalls that controlled the traffic, allowed reaching one or more **AWS EC2** instances.
- Written Chef Cookbooks for various DB configurations to modularize and optimize end-product configuration, converting production support scripts to Chef Recipes and AWS server provisioning using **Chef Recipes**.
- Integrated **Docker container** based test infrastructure to Jenkins CI test flow and set up build environment integrating with Git and Jira to trigger builds using Web Hooks and Slave Machines.
- Worked with logging/monitoring tools such as **Splunk, Log stash, Cloud Watch and Nagios**.
- Used **Jira** to track issues and Change Management
- Extensive knowledge in JIRA and knowledge on other CI tools like **Bamboo**

**Environment:** Python, AWS, Puppet, Chef, Ansible, EC2, Docker, Jenkins, Ansible, VM Ware, Docker, Splunk, Log stash, Cloud Watch, Nagios, SQL, Snowflake, Tableau, RedShift, SVN, ETL, Agile, Scrum, Linux, ETL, JIRA, Git, MySQL, JBOSS, GIT, Terraform, Bamboo

**Value shore Technologies, Hyderabad, India**  
**Apr 2015**  
**Software Engineer**

**June 2013 -**

**Job Duties:**

- Developed **SQL Queries** to fetch complex data from different tables in remote databases using joins, and database links and formatted the results into reports, and kept logs.
- Enhanced the business logic using **User Defined Functions** to retrieve information on the services like billing and customer requests from various databases
- Designed and developed dimension and fact tables using **Star schema** to extend the existing data warehouse.
- **Transformed** data from different data sources like **Oracle**, and **DB2** to **SQL Server** using **OleDb** connection providers by creating various **SSIS packages**.
- Involved in the usage of variables to make the packages dynamic and schedule the package in **SSIS**.
- Maintained records in Excel Spread Sheet and exported data into **SQL Server Database** using **SQL Server Integration Services (SSIS)**.
- Worked with **DBA** and Reporting team to generate Materialized View of the data warehouse
- Worked with **Informatica workflow** monitor in **running** and **debugging** its components and **monitoring** the resulting executable version
- Wrote complex **SQL queries** using **joins**, sub queries, and inline views to retrieve data from the database
- Used complex SQL queries to unit test the system and to test the existing project also used to validate the data in the data warehouse.
- Used **SQL** and **PL/SQL** tuning techniques to improve the **performance**
- Designed and developed **SSIS Packages** to extract data from various data sources such as **Access database, Excel spreadsheet, and flat files** into **SQL server** for further Data Analysis and Reporting by using multiple transformations provided by SSIS such as Data Conversion, Conditional Split, Bulk Insert, merge, and union all.
- Generated **Sub-Reports**, drill-down reports, **drill through reports**, and **Parameterized** reports using **SSRS**.
- **Deploying** and **scheduling** Reports using **SSRS** to generate all daily, weekly, monthly, and quarterly Reports including status.
- Highly responsible for the development and management of **SSIS** and **SSRS** projects
- **Scheduled** reports to run weekly, monthly, and quarterly to be reviewed by the manager
- Worked with QA to facilitate verification of releases and was involved in running multiple builds at a time
- Created and deployed builds on Web logic, tested in build environment and released to test team on scheduled time

**Environment:** Informatica Power Center, Oracle, SQL Server, flat files, MongoDB, Teradata, Informatica ETL Mapping, SQL, PL/SQL, Shell Scripting, SQL Server Enterprise Edition, SQL Server Business Intelligence Development Studio (SSIS, SSRS), DB2, Oracle

## Education & Certifications:

- Master's in Computer Science Engineering, Santa Clara university, California
- AWS Certified Developer-Associate
- AWS Certified Developer-Professional
- Microsoft Certified: Identity and Access Administrator Associate

# Suresh Sadu

- McKinney, TX, US

## Contact Information

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- 4703092266

## Work History

**Total Work Experience: 10 years**

- **Senior Data Engineer/Python Developer Humana Health Care**  
Jun 01, 2021
- **Cloud Data Engineer/Python Developer Harvard Pilgrim Health Care**  
Mar 01, 2020
- **Senior Data Engineer NEXT ERA ENERGY**  
Sep 01, 2018
- **Data Engineer Subway**  
Sep 01, 2016
- **Python Developer/Data Engineer Visa Inc**  
May 01, 2015
- **Software Engineer Value Shore Technologies**  
Jun 01, 2013

## Education

- **Masters** | Computer Science

## Skills

- **database** - 8 years
- **sql** - 8 years
- **agile** - 6 years
- **amazon web services** - 6 years
- **cloud** - 6 years
- **data engineering** - 6 years
- **etl** - 6 years
- **git** - 6 years
- **identity management** - 6 years
- **jenkins** - 6 years
- **mysql** - 6 years
- **python** - 6 years
- **reporting** - 6 years
- **snow flake schema** - 6 years
- **tableau** - 6 years
- **amazon ec2** - 5 years
- **amazon redshift** - 5 years
- **amazon s3** - 5 years
- **apache hadoop** - 5 years
- **django** - 5 years

## Work Preferences

- Likely to Switch: True
- Willing to Relocate: True
- Travel Preference: 0%
- Work Authorization:
  - US
- Work Documents:
  - Have H1 Visa
- Desired Hourly Rate: 60+ (USD)
- Desired Salary: 120,000+ (USD)
- Security Clearance: False
- Third Party: False
- Employment Type:
  - Contract - Independent
  - Contract - W2
  - Contract to Hire - Independent
  - Contract to Hire - W2



## Profile Sources

- Dice:  
<https://www.dice.com/employer/talent/profile/92d2d0d4a12324b57878d99f0cb56c78>