**SUGIRTHA 9952311449**

**sugirthavigneshwaran@gmail.com**

**Summary:**

* 1.5 years of experience in **AWS** services like**S3**,**Lambda**,**SNS**,**SSM**,**CloudWatch**
* Having 1.5 years of experience in data transformations using **Python&PySpark**
* 1 year of experience in integrating **MongoDB** with Python and PySpark
* Working experience on **Pandas DataFrame and Spark DataFrame**
* POCS on implementing Spark using **Python** and **Spark SQL** for faster testing and processing of data which is responsible to manage the data from different sources. (pycharm)
* Hands on experience towards **GIT** ,**Terraform** and **JIRA Dashboard**
* Good Experience on Planning ,Prioritizing and Achieving things on time.

**Technical Skills:**

|  |  |
| --- | --- |
| **Bigdata Technologies** | Hadoop,Apache Spark,Mapreduce |
| **Languages** | Python,SQL |
| **Distribution** | AWS |

**Internship Program:** Worked as an Intern at **INCEPTEZ Technologies Pvt.Ltd** from June 2020 to December 2020

**Professional Experience:** Working as a Data Engineer with **INCEPTEZ Technologies Pvt.Ltd** from Feb 2020- till date

**Project Description:**

**Project 1:**

Project Name : Data Analytics on API

Organization : Portland Electric Group(PGE)

Team Size : 3

Role : AWS Engineer

AWS Services : S3,SNS,SSM,IAM,Lambda

Source : API

Programming Language : Python

Tools : PyCharm,Excel,JIRA,Github,Terraform

**Roles and Responsibilities:**

* Good working experience on AWS Distribution ,Python and PySpark for Data ingestion and Data Transformations respectively
* Responsible for extracting the data from API and saving it in S3 - Parquet format
* Ability to build deployment on AWS,build Scripts(Boto3 & Requests module) and automated solutions using Python
* Implemented AWS solution using S3 and AWS Lambda
* Good experience on writing Spark Applications using Python
* Used Spark and Spark-SQL in order to read the parquet data and save it in S3
* Implemented Spark using Python and Constructing DataFrames with Functions applied on it .

**Environment:**AWS

**Language** :Python

**Project 2:**

Organization : SPI Global Pvt Ltd

Team Size : 3

Role : Python Developer

Database : MongoDB

Technology : PySpark,Python

Tools : PyCharm,Github,MongoDB Compass

**Roles and Responsibilities:**

* Connection MongoDB via PyMongo using PyCharm
* Creating and updating collection via Python Pandas
* Comparison and merging the collection as per Clients requirement
* Involved in the process of code review and Deployment
* Co-ordination with onshore partners to understand the requirements and continuous delivery

**Academic Summary:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course** | **University** | **Mark** | **Passout** |
| BE(EEE) | Velammal College of Engineering and  Technology,  Madurai | 8.2 | 2016 |
| HSC | St. Joseph’s  Matriculation Higher  Secondary  School,Madurai | 84.5 | 2012 |
| SSLC | St. Joseph’s  Matriculation Higher  Secondary  School,Madurai | 86.8 | 2010 |

I hereby declare that the above furnished information is true to the best of my Knowledge

Sugirtha