

Nagesh R Thakre

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CAREER OBJECTIVE

I am excited to give strength to my career in data engineering and learn new tech skills to progress with technology.

CAREER SUMMARY

- **Overall, 3.3 years of experience** in different domains in the IT industry and mainly in Big Data Ecosystem Development, Python, Hadoop, Pyspark, SQL and AWS Cloud service.
- Have experience writing data processing jobs in Pyspark.
- Good experience with Python Programming Language.
- Have a hands-on experience of using Amazon web services mainly EC2, S3, RDS, Glue, Lambda, Step Function, Redshift.
- Experience in processing large amounts of structured and unstructured data.
- Knowledge of Statistics for Data Science, Discrete and Continuous Distributions like Bernoulli, Binomial, Geometric, Poisson, Normal distributions etc
- Perform tasks such as writing scripts, calling APIs, write SQL queries etc.
- Experience in creating tables, partitioning, bucketing, loading in Hive.
- Develop batch processing, integration solutions and process structured and Unstructured Data.
- Good experience on Spark Architecture including Spark-Core, Spark-Sql.
- Attending the scrum call with team members and finding the solution over the task assigned in the sprint. Experience with Jira ticketing tool.

TECHNOLOGY PROFICIENCY

- **Platforms:** Windows, Linux.
- **Programming language:** Python
- **Big Data Ecosystem:** HDFS, YARN, MR, Hive, PySpark, SQL
- **IDE:** PyCharm, Jupiter Notebook
- **Cloud Services:** AWS
- **Relational Database:** MySQL
- **Another tools and Technology:** Jira, GitHub, Agile Methodology.

ORGANIZATIONAL SCAN

- **Organization:** Zielotech InfoSolutions India.
- **Designation:** Data Engineer
- **Location:** Pune
- **Duration:** From 08 July 2019 to Till Date (3 Years and 3 months)

WORK EXPERIENCE

Project 1: Sentimental Classification

Duration: Feb 2021 to Aug 2022

Role: Data Engineer

In order to do the sentimental analysis on the feedback received by the client, it was necessary to clean the data as per requirement of ML model. We have preprocessed the data using Pyspark and cloud technology and removed the unwanted contents from the feedback to do further sentimental analysis.

Roles & Responsibilities:

- Understand the nature of data and which part to remove.
- Make use of cloud services to maintain the flow of processing.
- Use of AWS services like S3, Lambda, Step Function, Glue Job etc
- Responsible to write code to preprocess the data.
- Responsible for validate the preprocessed data.
- Optimize code using pyspark for better performance.
- Monitoring the preprocessing job.
- Upload the preprocessed data in s3 for further sentimental analysis by ML model.

Project 2: Data Lake

Duration: Duration: Dec 2019 to Dec 2020

Role: Data Engineer

The Client manages 300 implementations of OMS and over 250 which were managed by customers on premises environment. So, Customer was facing the slow performance of large analytical data as all directly connected to their application. To avoid this problem, we have prepared data lake in Redshift to unify the data to get meaningful information.

Description & Responsibilities:

- Responsible to perform the ETL transformations
- Using the AWS services for the project.
- Performed narrow and wide transformations etc.
- Performed different kind in DML , DDL etc operation of SQL to unifying the data.

EDUCATIONAL QUALIFICATION

- **Pursuing Online BS degree in Programming and Data Science from IIT, Madras.**
- **Completed Foundational Level in Programming and Data Science from IIT, Madras with 6.4 CGPA.**
- Completed M. Tech. in Power System from D. BATU in 2016 with 7.41.
- Completed BE in Electrical Engineering from SSGMCE, Shegaon in 2014 with 8.25 CGPA.
- Completed HSC from Maharashtra State Board in 2010 with 69.67 %.

PERSONAL DETAILS

Date of Birth : Nov 23rd 1992.

Languages known : English, Hindi and Marathi

I hereby declare that the above information given is true and correct to the best of my knowledge and belief.

Place: Pune

Nagesh Thakre