

Pratyush Kumar

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Location: Bengaluru, Karnataka

Summary of Experience and Qualifications

- Possess 3.9 years of total experience in IT industry.
- Currently working with Deloitte US India Consulting as a Business Technology Analyst.
- Primary skilled in Hadoop Development, Spark (v2.4.4), Python 3.6, Scala, AWS services, Apache Hadoop tools, Apache Airflow, Oozie, Apache Impala, Hive, Jira, GIT and Unix Shell scripting.
- Secondary skilled in Informatica ETL Development (PowerCenter v9.6.1), Oracle SQL Developer (v3.2.2), Teradata (v14.0)
- Effective Team player with good communication skills, problem solving and analytical abilities.

Deloitte Experience

Industry: LSHC

Sector: Insurance

Client Description: The client is an American Insurance company offering personal and business insurance in 33 states, with auto and home telematics programs and best in class claims service.

Project Description: Manages enterprise data lake and enterprise data warehouse platforms hosted on AWS cloud.

Key Responsibilities:

- Creation and maintenance of Pyspark scripts to ingest the IOT data from Octo Telematics on AWS, transform it according to business requirements and finally load it into hive tables.
- Creation and maintenance of Spark-Scala scripts to ingest the csv files, mask the pii columns' data , transforming it according to business needs and then finally populating that into hive tables.
- Creation and maintenance of Unix Scripts to handle the unzipping and allocation of different LOB data into their corresponding S3 buckets, before the actual processing.

- Creation and maintenance of Reconciliation scripts to help in the validation of historical and incremental loads.
- Creation of Oozie scripts to schedule the Daily Data jobs.
- Interacting directly with the clients and understanding the requirements.
- Taking the ownership of Code Deployment from the lower environment to Prod Environments using GIT version control system.
- Analyzing and resolution of bugs/issues.

Role: Spark developer, 1.5 years, Ongoing.

Technical Environment: Spark 2.4.4, Python 3.6, Cloudera Hue 4, Apache Hive, AWS, Athena, Amazon S3, Putty, WinScp, Git, Jira, IntelliJ 2019.3

Duration: 04/2019 - Present

Industry: LSHC

Sector: Pharmaceutical

Client Description: The client is an American biotechnology company that develops cancer immunotherapy products.

Project Description: The project is aimed to automate the data sourced from multiple source systems for core quality metrics and also to standardize and improve the accuracy of Corporate Quality Metrics Reporting (QMR).

Key Responsibilities:

- Creation of Impala queries to transform the data according to business need and loading it into Fact and Reporting tables.
- Creation and maintenance of Unix Wrapper Scripts to handle the ABC functionality and Batch Processing.
- Creation of Airflow Dags to schedule the Data transfer jobs.
- Creation of Sqoop Ingestion scripts to import the data from Oracle EBS.
- Crontab scheduling of master script to run the data jobs.
- Creation of Python Code to automate the ingestion process from one source system.
- Analyzing of issues and Bug Fixing in SIT phase.

Role: Big Data developer, 1.4 years, Completed.

Technical Environment: Cloudera Hue 4, Apache Impala, Apache Airflow, Oracle SQL Developer, Python 2.7, Putty, WinScp, Trello.

Duration: 12/2017 – 04/2019

Industry: Public Sector**Sector: Case Management**

Client Description: Public sector which provides integrated case management solutions to the citizens of British Columbia.

Project Description: The purpose of the project is to create a roadmap for a CRM system and help the client standardize business capabilities across various states and stakeholders. The project spanned across various ministries of Canadian Government.

Key Responsibilities:

- Creation of End-to-End Informatica Mappings as a part of the code development.
- Creation of PL/SQL queries as part of code development and to fetch data for the data validation.
- Use of Siebel tools & application to know about the relationship between data entities and to do UI validation as a part of unit testing.

Role: Developer, Data Team, 3 months, Completed.

Technical Environment: Informatica PowerCenter 9.6.1, Oracle SQL Developer 3.2.20, Siebel IP16 (with open UI).

Duration: 08/2017 – 11/2017

Industry: LSHC**Sector: Insurance**

Client description: The client is one of America's largest managed health care companies.

Project description: The project is responsible for delivering scheduled deliverables to the client and other third-party Government and non-Government entities from the client's data warehouse for analysis and reporting.

Key Responsibilities:

- Development of SQL Queries in Teradata to test the Code.
- Understanding Healthcare knowledge about Anthem and implementing the same in Queries.
- Backtracking queries for finding out the Defect.
- Planning and Tracking activities in Jira-X Ray.
- Subtasks Creation/Editing in Jira.

Role: ETL Tester, 7 months, Completed.

Technical Environment: Teradata (v13.0), Informatica PowerCenter (v9.6), Jira

Duration: 12/2016 – 07/2017

System Experience

Software/Products: Amazon Web Services, Cloudera Hue 4, Eclipse Oxygen, Oracle SQL developer

Development Tools/Languages:

Cloudera Hue 4, proficiency – Project Experience
Apache Spark 2.4.4, proficiency – Project Experience
IntelliJ 2019.3 – Project Experience
PyCharm 2019.2 – Project Experience
Amazon EMR – Project Experience
Apache Impala, proficiency – Project Experience
Apache Hive, proficiency – Project Experience
Apache Airflow, proficiency – Project Experience
Unix, proficiency – Project Experience
Sqoop, proficiency – Project Experience
Python 3.6, proficiency – Project Experience
SQL, proficiency – Project Experience
Informatica Powercenter – Project Experience
Oracle Siebel – Project Experience
Scala, proficiency – Hands-on Training

Hardware/Operating Systems:

Unix, Windows - proficiency – Project Experience

Middleware/Databases: Impala, Hive, Teradata - proficiency – Project Experience

General Tools:

Microsoft Office, proficiency – Project Experience

Education

Bachelor of Engineering (Information Science and Engineering)
The National Institute of Engineering, Mysore
Passing Year- 2016
CGPA – 8.5