Sovan Panda

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SUMMARY

Thorough and meticulous snowflake engineer with over 5 years of experience in analyzing, designing and transforming data to build the robust critical pipelines and furnishing the business insights and intelligence needed to guide decisions. Expert in SQL, Snowflake, AWS services, Python programming. A team player and a highly motivated individual willing to learn new technologies and methods related to data engineer and analysis. Able to adapt to different work culture and always ready to accept new challenges.

WORK EXPERIENCE

Factspan Analytics, Bangalore
Designation: Senior Data Analyst   10/2020 - Present

Working with data engineer/analyst deliveries team to architecture designing, source data mapping, build and automate the robust ETL/ELT pipeline to ensure the quality of data which helps business intelligence to make decisions to accelerate business growth.

Trisys IT Services Pvt Ltd, Bangalore
Designation: Software Engineer   02/2018 - 04/2020

Closely worked with client to gather requirements, take decision to build cost effective and flexible architecture. Implemented web based and ETL real time applications to ensure the qualify of the product with client appreciations using backend and frontend Frameworks.

EDUCATION

- ❖ Computer science and engineering | Bankura Unnayani Institute Of Engineering | West Bengal | CGPA: 8.0 | (2013-2017)
- ❖ Higher Secondary | WBCHSE Board | West Bengal | Percent: 67% | (2012-2013)
- ❖ Secondary | WBBSE Board | West Bengal | Percent: 76% | (2010-2011)

TECHNICAL SKILL

- ❖ Programming Languages: Python, SQL, JavaScript
- ❖ Web Technologies: Flask, Django, Scrapy

- ❖ Database Management: Snowflake, Oracle, MySQL, MS server
- ❖ ETL Technologies: NIFI, UC4, Informatica.
- ❖ Miscellaneous: HTML, Pyspark, Pandas, Airflow, Git, Pycharm etc.
- ❖ AWS services: Lambda, Batch, Glue, ECR, ECS & Step Function
- ❖ Operating System: Ubuntu, Windows 11

KEY COURSE TAKEN

- ❖ Udemy courses on snowflake and preparing for certification
- ❖ Udemy courses on AWS services

ACHIEVEMENTS

- ❖ Achieved individual award for excellence in deliveries part of multiple ETL application deliveries.
- ❖ Awarded as the Best Team for Jupiter – eVidyaloka project for excellent team performance.
- ❖ Eventually got a lot of appreciation during the work from the client and managers ends over email.
- ❖ Google Analytics Certified for Beginner

EXTRACURRICULARS

- ❖ Trained on-boarding freshers in SQL concepts in Office induction training programs.
- ❖ Knowledge transfer on various snowflake concepts to upskill the team.

PROJECTS

Disney Genie+ ETL Orchestration migrates to snowflake warehouse   DUR: 11/2021 – Present

This project is based on Data migration on ETL process to originate datasets from RDMS/RabbitMQ connectors and build the final automated historical data models in snowflake for further business reporting to analyze the day wise business activities for further business decisions.
Roles and responsibilities:
1. Develop ETL logic and automate pipeline using SQL and AWS batch framework.
2. Client connects to provide day to day updates over Jira stories.
3. Production deployment with in proper the timeline.
Tech stacks: Python 3.8, UC4, NIFI, Pandas, Git, Snowflake, AWS S3, AWS Batch, AWS Glue etc .

Disney DLP Workstream migrated to S3 Curated layers   DUR: 10/2020 - 11/2021

This project is built s3 datalake and ETL pipeline by exacting data from various RDMS source system and build final curated models in AWS Athena and Snowflake layers.

Roles and responsibilities:
1. End to end architecture design and automate the pipeline using AWS Glue to make data available at data warehouse for business users to connect and visualize data through the reporting tool.
2. Developed automated pipeline orchestration and job dependency using Apache Airflow.

Tech stacks: Python 3.8, UC4, NIFI, Pandas, Git, Snowflake, AWS S3, AWS Batch, AWS Glue, Airflow etc.

Hotel Inventory and Packaging
DUR: 06/2019 - 03/2020

Main motive to this project was get a list of hotels with all other information from travel providers like Desiya, Zumata, Oyo side after that scraping rating and reviews from TripAdvisor site and finally migrate records into MYSQL Database to update hotel inventory. After the next step according to client demand or budget we must provide a list of hotels at locations which are available to booking at their comfortable days.

Roles and responsibilities:
1. Understanding the requirement from the client with creation of proper documentation.
2. Reading raw Excel files through python script using pandas, NumPy, xlrd packages after verifying and storing into database.
3. Cron job implementation for daily basic execution.

Tech stacks: Python 3.5, Pandas, NumPy, xlrd , Spark, Docker, Git, AWS services, Rest APIs.

Edutest To Build Elastic Search Optimization Technique
DUR: 01/2019 - 06/2019

Edutest is an educational assessment organization that meets the needs of schools, parents and students. Edutest is based on a solid educational foundation and is committed to providing quality assessments and services. Our team of experienced educational psychologists, educators and administrators ensure valid and reliable testing and meaningful feedback, as well as efficient and personalized service.

Roles and responsibilities:
1. Crawling the entire website using python scrapy and storing the data in Google Datastore
2. Pushing the Datastore Data to Elasticsearch with indexes.
3. Creating a JavaScript Vizjs graph using the scraped content for display.
4. Converting scraped things to the individual documents and making a complete book of documents.

Tech stacks: Python 3.5, MySQL, Google Cloud Platform

Jupiter – eVidyaloka Web Application Development
DUR: 02/2018 - 01/2019

An online web portal for an NGO to organize online and offline teaching to students from remote and rural areas with extensive features built in like track the progress of students across years, through the online volunteer onboarding process, academic dashboards, managing digital classes and scheduling digital online classes.

Roles and responsibilities:
1. Requirements analysis and serving for the requests made from the front end using a safe and secure way after all designing, coding and testing web.
2. Using Sequelize, a promise based ORM that supports MySQL to create models, rules and to make the request to the database.
3. Front end development using HTML, CSS.

Tech stacks: Django, ORM DB implementation, Python3.6, JavaScript, MySQL, HTML, CSS4 etc.