ABHISHEK KUMAR MISHRA
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Objective
To work to my optimum level to achieve both organizational as well as personal goals.

Experience (Total – 8 years)

SENIOR SOFTWARE ENGINEER, WELLS FARGO
BANGALORE (March 2024 – Till Now)

Technical Skills
- Hadoop Ecosystem– HDFS, YARN, MapReduce, Hive.
- Real-time processing Framework (Apache Spark, Pyspark)
- Streaming (Kafka), Cloud : AWS , Airflow, S3 bucket.
- Database architectures
- SQL-based technologies (e.g. MySQL)
- GitHub, Jenkins, UCD (Urban Code Deployment), Autosys
- NoSQL technologies (e.g. MongoDB)
- Programming Languages: Python
- ETL/Data warehousing Solutions (Custom ETL tool)
- Knowledge of different Operating System – UNIX, Linux

Project Description:

Being a part of horizontal line of work, in a Frameworks team specifically part of platforms team, I worked on multiple frameworks/utilities like Data compare, Data quality, Data publish. Did some maintenance work on many frameworks but was the part of development team for data publish utility. In this project, we had to fetch data from a Kafka topic where the data used to be published from SQL server and was getting consumed by the topic and after the transformation using Pyspark, Unix, and python scripting, it gets loaded into the hive table as an intermediary step and again loaded back to the Kafka topic topic which was getting used by some other team. We had provided flexibility like insertion, deletion and updation of data using SCD2 logic so that older/historical data will also be stored.
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Job Responsibilities:

- **Creation of the entire module of the Data publish utility.**
- Setup CI/CD pipeline for the smooth deployment process.
- Design finalisation and change in requirement should be taken care promptly.
- **Be on top of the deadline and deliver project on time.**

- Taking care of the post production steps and submit the validation report.

- Maintaining SonarQube coverage as the mandatory step.

- Writing unit test cases for all the modules developed.

- Autosys jobs must run as per the time and fix if any issues occur.

SENIOR DATA ENGINEER: LTI,
BANGALORE (September 2021 – February 2024)

Professional Summary:

- Designing, creating, testing and maintaining the complete data management & processing systems.
- Working closely with the stakeholders & solution architect.
- Ensuring architecture meets the business requirements.
- Building highly scalable, robust & fault-tolerant systems.
- Taking care of the complete ETL process.
- Discovering data acquisitions opportunities
- Finding ways & methods to find value out of existing data.
- Improving data quality, reliability & efficiency of the individual components & the complete system.
- Creating a complete solution by integrating a variety of programming languages & tools together.
- Creating data models to reduce system complexities and hence increase efficiency & reduce cost.
- Introducing new data management tools & technologies into the existing system to make it more efficient.
- Setting & achieving individual as well as the team goal.

Technical Skills

- Knowledge of the Hadoop ecosystem and different frameworks inside it – HDFS, YARN, MapReduce, Apache Pig, Hive, Sqoop.
- Real-time processing Framework (Apache Spark, Pyspark)
- Database architectures
- Bitbucket, Jenkins, RLM, Autosys
- SQL-based technologies (e.g. MySQL/ Oracle DB)
- NoSQL technologies (e.g. HBase)
- Programming Languages: Python/Scala
- ETL/Data warehousing Solutions (Talend, Teradata)
- Knowledge of different Operating System – UNIX, Linux

Project Profiles

Citibank: **(September 2021 – February 2024)**

Job Responsibilities:

I was the part of Mortgage Transformation Team where we had developed a transformation framework which directly transforms data between EDW to EAP surpassing Teradata. We use Pyspark as a language for our Framework code and Shell Script Linux for Automation. We prepare Json which is built by Spark SQL and we schedule the jobs using Autosys.
I was responsible for end-to-end CI/CD pipeline as well. Using Bitbucket for Repository and Jenkins for Building the code and RLM to create the pipeline. So, from developing the code till deploying the code in all 3 environments (DEV, UAT & Prod), I was involved.
I was also a part of Retail/Risk Team for few days and learnt closely with business.

SYSTEMS ENGINEER: INFOSYS,
BANGALORE (January 2019 – September 2021)

Professional Summary:

- Designing, creating, testing and maintaining the complete data management & processing systems.
- Working closely with the stakeholders & solution architect.
- Ensuring architecture meets the business requirements.
- Building highly scalable, robust & fault-tolerant systems.
- Taking care of the complete ETL process.
- Discovering data acquisitions opportunities
- Finding ways & methods to find value out of existing data.
- Improving data quality, reliability & efficiency of the individual components & the complete system.
- Creating a complete solution by integrating a variety of programming languages & tools together.
- Creating data models to reduce system complexities and hence increase efficiency & reduce cost.
- Introducing new data management tools & technologies into the existing system to make it more efficient.
- Setting & achieving individual as well as the team goal.

Technical Skills
- Knowledge of the Hadoop ecosystem and different frameworks inside it – HDFS, YARN, MapReduce, Apache Pig, Hive, Sqoop.
- Real-time processing Framework (Apache Spark)
- Database architectures
- SQL-based technologies (e.g. MySQL/ Oracle DB)
- NoSQL technologies (e.g. Cassandra)
- Programming Languages: Python
- ETL/Data warehousing Solutions (Informatica)
- Knowledge of different Operating System – UNIX, Linux

Project Profiles

Bank of America (January 2019 – September 2021)

Project Description:

Initially, I was the part of Data Discovery team where I need to do the discovery of raw data by extracting data from server and perform metadata scan and then mask that data using different translation file from IEDPS tool and then doing data execution on Hadoop using MapReduce, and Hive using HQL. Transformation of data that is produced gets loaded in the client/target database and after that validation takes place. I had been part of execution as well as validation also.
I further got involved in the discovery of Non-Public information (NPI), HRCI data using AI/ML algorithms to sanitization of the large volumes of data present in several types of databases (ex: SQL, oracle, MYSQL). Here we had been assigned with an AIT and completed End-to-end i.e. ETL process we had to do like Connecting AIT to database and fetching tables and columns details and also analyse sample data, performing metadata scan and estimating the time required to perform the complete execution including sustainable scan using timestamp details. From getting the AIT to till delivery of AIT, I had to take care. I also work as floor anchor and event organizer for my team of 52 members. Involved in various automation ideas and worked with a team to achieve automation techniques.

Job Responsibilities:

- **Data discovery** report generation using AI/ML algorithms, regex pattern and metadata.

- Processing huge volume of raw data and masking the data into confidential data in search of HRCI.

- Analysing and reporting any discrepancy found in the reports generated to the product team.

- **Sanitization** of large volumes of NPI data present in different types of databases using various algorithms.

- Taking care of the complete ETL process using IDW.

- Checking the data quality by backtracking and validating it.

- Data discovery of mainframe files and by editing the copybook using IEDPS.

- Creation of translation file for proper masking of different tables and files.

- Executing data in Hadoop, hive and also extracting and loading data using Sqoop.

- Helping in several bank formalities like audit, new software/package request etc.

- Creation of **documentation/user manual** for various types of processes involved.

- Assist teams in communication across different ODC centres (Chennai, Hyderabad, Bangalore   etc.).

PROCUREMENT ANALYST / Microland Limited (April 2018 – Jan 2019)

Job Responsibilities:

- Software procurement, capacity management & planning.
- Vendor Development & Management.
- Close coordination with Finance & Supply Chain for Technology Procurement.
- Vendor follow ups for Delivery of Assets/Peripherals in agreed timelines.
- Need to ensure assets imported are customs cleared and handed within agreed timelines to user department.
- Making MIS Reports month-wise.
- Ensure upkeep of assets & Inventory management.
- Analysis done on the reports on any mismatch invoices.
- Invoice processing resolving discrepancy invoices.
- Make sure all the invoices are paid on time.
- Make an RSA & ORM report on a monthly basis.
- Procure & Assign Software's according to EULA.
- Raising PRs, POs & process Invoices on SAP ARIBA tool.
- Preparing RFQs & RFPs.
- Processing requests for all hardware & accessories repairs.

PURCHASE ENGINEER / Rajesh Steel and Wire Industries (August 2016 – October 2017)

Job Responsibilities:

- Vendor development & Vendor Management
- Preparing RFPs, floating the same
- Collection of Quotations as per requirements, conducting negotiation and finalize the same
- Planning & Procurement of materials from vendors as per requirement
- Manage day to day interactions with vendors for prices, business growth related issues
- Preparing cost estimates for bought out components.
- Price approval document with detailed technical/commercial comparison for management approval/negotiation purpose and release of PO
- Preparation of work orders as per approvals received.
- Follow-up with accounts for timely payment of purchases

Soft Skills

- Adaptive
- Decisiveness
- Flexibility to work in shifts
- Problem Solving
- Ability to work under pressure
- Teamwork

Education

- B. Tech, Mechanical Engineering / Poornima College of Engineering, Jaipur (Rajasthan), May 2016

Graduated with a 75.20%, had organized various events at College Fests and attended various seminars and workshops.

- XIIth/ CBSE, St. Michael's High School, MAY 2011

Obtained 84.40% marks aggregate with concentration in English, Physics, Chemistry, Mathematics and Economics.

- Xth / CBSE, A.V.N English School, MAY 2009

Obtained 86.00% marks aggregate with concentration in English, Science, Social Science, Mathematics and Sanskrit.

Declaration:

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

Abhishek Kumar Mishra