BAIVAB MOHANTY

ARCHITECT/CONSULTANT

CONTACT

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in baivab-mohanty-71404a28

PROFILE

In my 10 years of career in IT, I have demonstrated the highest levels of service and commitment to the mission of any organization.
I have worked for product as well as service-based organizations in financial domain with On-Site Client Exposure.

SKILLS

- ◦ SPARK
- ◦ DATABRICKS
- ◦ PYTHON
- ◦ SCALA
- ◦ HADOOP ECOSYSTEM
- ◦ HIVE
- ◦ SQL SERVER
- ◦ KAFKA
- ◦ SQOOP
- ◦ AWS
- ◦ AGILE METHODOLOGY
- ◦ RETAIL BANKING
- ◦ ETL TOOLS: -MSBI
- ◦ CI/CD
- ◦ CLIENT INTERACTION
- ◦ SELF MOTIVATED
- ◦ QUICK LEARNER

EXPERIENCE

ACCENTURE

Data Engineering Associate Manager || Oct 2021-Till Date

PROJECT: Nationwide General Insurance

CLIENT: Nationwide

Roles & Responsibilities:

- My role is of a Data engineering lead and as a lead, I am responsible for successfully completion of Data Ingestion for various Source System into Delta Lake in DataBricks.
- The data we are ingesting belongs to multiple DB systems like SQLSERVER, Oracle, Teradata and also file based system (XML, JSON, .csv, txt, fixed width and delimited).
- This includes creating and building optimized data pipelines which will fetch billions of data in short span of time from databases.
- Once the Ingestion is completed, we have to transform the data based on the model designed for the domain and the transformation rules provided by DA team.
- After this, the data is made available to the users for analytics purpose.
- Apart from the above responsibilities, my duties include building the right data team by accessing the need for skillset and then selecting the right set of people.
- Mentoring and guiding the team in implementing the architecture. Resolving inter and intra team conflicts.
- Designed and developed an integrated system to keep track of all load jobs and report status of jobs to the client. This led to the saving of one FTE (i.e., $104, 000 annually
- Designed and developed an integrated system to process all the missed transaction. The process runs once in a week.
- Designed and developed an integrated system to process all kinds of file like .csv/fixed width/.txt/delimiter files using a generic process called Databricks Autoloader. This led the saving of 2 FTE's (i.e., $200,000 annually)

OTHER TOOLS

- ◦ GITHUB
- ◦ TEAMCITY
- ◦ UNIX MACHINE
- ◦ PUTTY
- ◦ JIRA
- ◦ CONFLUENCE
- ◦ ALATION
- ◦ TFS
- ◦ REMEDY CONSOLE

EDUCATION

- ◦ B. TECH (2007-11)
  BPUT, ODISHA

- ◦ 12TH (2005-2007)
  KENDRIYA VIDYALAYA,
  C.B.S.E.

- ◦ 10TH (2005)
  BETHANY CONVENT
  SCHOOL, I.C.S.E.

PERSONAL DETAILS

- ◦ HOME TOWN:
  BHUBANESHWAR
- ◦ DATE OF BIRTH: 10/05/1989
- ◦ GENDER: MALE
- ◦ CURRENT CITY: BENGALURU

TCS

Assistant Consultant || Jan 2016-Oct 2021

PROJECT: Private Health Insurance & Max Life Insurance

CLIENT: Commonwealth Bank of Australia

Roles & Responsibilities:

- Developing Spark programs using Scala API's to compare the performance of Spark with Hive & SQL.
- Used Spark API over Hortonworks Hadoop YARN to perform analytics on data in Hive.
- Implemented Spark using Scala and Spark SQL for faster testing and processing of data.
- Designed and created Hive external tables using shared meta-store instead of derby with partitioning, dynamic partitioning and buckets.
- Imported data from AWS S3 and into Spark RDD and performed transformations and actions on RDD's.
- Used the JSON and XML SerDe's for serialization and de-serialization to load JSON and XML data into HIVE tables.
- Worked and learned a great deal from Amazon Web Services (AWS) Cloud services like EC2, S3, EBS, RDS and VPC.
- Worked with various HDFS file formats like Avro, Sequence File and various compression formats like Snappy.
- Used Spark-SQL to Load JSON data and create Schema RDD and loaded it into Hive Tables and handled Structure data using Spark SQL.
- Used Scala libraries to process XML data that was stored in HDFS and processed data was stored in HDFS.
- Load the data into Spark RDD and do I n memory data Computation to generate the Output response.
- Involved in converting Hive/SQL queries to Spark transformations using Spark RDDs, Scala.
- Implemented Spark using Scala and utilizing Data frames and Spark SQL API for faster processing of data.
- Having experience in developing a data pipeline using Kafka to store data into HDFS.
- Developed multiple Kafka Producers and Consumers from as per the software requirement specifications.
- Implemented SQOOP for large dataset transfer between Hadoop and RDBMS.
- Adequate knowledge and working experience with Agile and waterfall methodologies.
- Ability to work with onsite and offshore team members.
- Able to work on own initiative, highly proactive, self-motivated commitment towards work and resourceful.
- Strong debugging and critical thinking ability with good understanding of frameworks advancement in methodologies and strategies.
- Locally manage and mentor the group and develop the juniors.

NEXTEDGE SOFTWARE SEVICES (MASHREQ BANK)

Sr. Software Developer || July 2014 – August 2015

PROJECT: Cards Transaction System (CTSWEB)

- Understanding the business requirements and translating them to functional/technical documents.
- Involved in Releases of new version of software by leading in all stages of project implementation.
- interacted with Team and Analysis, Design and Develop database using ER Diagram, Normalization and relational database concept.
- Involved in Design, Development and testing of the system
- Developed SQL Server Stored Procedures, Tuned SQL Queries (using Indexes and Execution Plan)
- Developed User Defined Functions and created Views.
- Created Triggers to maintain the Referential Integrity.
- Reviewed existing business procedures and recommended and implemented changes.
- Responsible for setting preferences for various ad-hoc requests and distribution of tasks.
- Trouble shoot problems with the various teams including network related issues
- Creating and automating the regular Jobs
- Tuned and Optimized SQL Queries using Execution Plan and Profiler
- Rebuilding Indexes and Tables as part of Performance Tuning Exercise
- Involved in performing database Backup and Recovery.

AMPSYS

Software Developer || April 2012 – July 2014

PROJECT:

WealthERP: It is a white labeled web based integrated wealth advisory and financial planning platform for MF distributors and independent financial advisors. It provides 360° view of the clients' financial health by covering all the assets, insurance, and liabilities.

Client**:** Independent Financial Advisors, DSP Black Rock, Ratnakar Bank, Succinct Financial Planners.

SBI Online Trading Platform: SBI Online Investment: We have developed an online investment platform for SBICAP securities. It is basically an online transaction portal for trading in MF, NCD & IPO.

Client**:** State Bank of India (www.sbicapsec.com)

- Involved in optimization of Batch process, SQL Queries and Stored Procedures.
- Involved in creating requirement document to record complete understanding of requirements.
- Designed and Developed Financial Planning solutions by taking end users concurrence and making sure all meet by vendors/IT team.
- Involved in Unit testing and bug fixing.

	- Involved in Post-implementation Check after go-live, handling production issues by resolving user queries which may involve application/database level changes. - Involved in the designing of GUI and Stored Procedures. - Involved in Vendor management by analyzing the ideal vendor for user requirement fulfillment.