

# Narayana B



NB51917151@gmail.com



+91.630.404.8809

## Professional Summary

- Over **13.8 years** of IT experience covering requirements gathering till deployment and support activities.
- More than **4 years** into **Cloud/on-prem Apps Engineering**, **8+ years** into **Data Migration projects**.
- Possess sound knowledge in **Data Factory, Data Bricks, Logic Apps, Delta Lake, Azure SQL, ADLS, Azure Functions, Synapse, Purview, Azure Enterprise Service Bus** and **Azure event grid** and **Monitor**.
- Have hands on experience in streaming analytics and data integration using **Azure streaming**. Integrating different Source systems like (Salesforce, Google Analytics, Amazon S3 Storage bucket, SAP)
- Knowledge on DevOps, CI/CD and Agile methodologies-based projects, implement requirements using **ADF/Data Bricks**
- Well-versed in **Informatica Power Center** Designer, Workflow manager, Monitor and other components of ETL mechanism for integrating and transforming data
- Can able to Integrate ETL/ELT, Data modelling, Visualization and Advanced Analytical components keeping performance, security, SLAs and functionality
- Created dynamic linking mappings for files and tables
- Having competent knowledge on **Informatica Intelligent Cloud Services** for integrating external services.
- Have Hands on experience in Hadoop modules - **PySpark, Python, Shell scripting, Hive, Sqoop, Pig, Oozie**.
- Design and implement high availability and DR solutions to ensure system reliability and business continuity.
- Create, maintain technical documentation, architecture diagrams, deployment guides, and operational procedures.
- Having hands on **SQL Performance tuning, Database Design, Modeling, DWH** concepts and **Optimization techniques**.
- Have experience in ticketing tools – **Service Now, Jira** and **HP-Rally**.
- Design and developed a **patented** Automation Test tool specific to Mainframe Server configurations.
- Good Experience in **CI/CD** tools like **SFDC Change set, Github, Bitbucket & Visual Studio** extension.
- Strong database development skills on **Oracle, SQL SERVER, MYSQL, IBM-DB2, Redshift, Dynamo DB, postgre, hive**.
- Extensive experience in SDLC methodologies **Waterfall** and **Agile**.
- Possess excellent leadership qualities and Team player with good communication and written skills.
- Self-motivated individual with exemplary analytical and problem-solving skills and quick and sharp learner.
- Troubleshoot and resolve complex technical issues related to Azure infrastructure.
- Domain expertise: Banking, Retail and Healthcare & Life Sciences and Internet Technology

## Experience

- Working as Team Lead at startup venture from Nov 2022 till Date.
- Worked as Project Manager in **Tech Mahindra** from Sep 2018 till Aug 2022.
- Worked as Consultant in **Capgemini** from Oct 2010 till Jan 2015.
- Worked as Application Developer in **IBM** between Jan 2005 and Oct 2009.

## Education

- Master of Technology (Computer Science Engineering) from JNTU, Kakinada in 2017
- Master of Science (Computer Science) from Andhra University, Waltair in 2001
- Bachelor of Science (Computer Science) from Andhra University, Waltair in 1998

## Skill set

<b>Languages</b>	:	Python, Pyspark, Shell scripting, HQL, SQL, COBOL, PL/I
<b>RDBMS</b>	:	SQL Server, MySQL, Snowflake, Redshift, Postgres, DB2
<b>Bigdata Modules</b>	:	HDFS, Map Reduce, Sqoop, Hive, Impala, Trino
<b>ETL</b>	:	Talend-BD, Informatica IICS
<b>Cloud Technologies</b>	:	Azure (ADF, Logic Apps, Delta Lake, Azure SQL, ADLS, Azure Functions, Synapse, Purview, Azure Enterprise Service Bus and Azure event grid and Monitor), Data Bricks, AWS (Redshift, Dynamo DB, S3, Ec2)

## Project Summary

### **Project #12: Connect Success & Connect Support Analysis**

**(Nov22- till date)**

**Client: VMWare**

**Role: Data Engineer**

**Description:** VMWare is a renowned organization develops virtualization software to global customers by creating an abstraction layer over the computer hardware to utilize processors, memory, storage and more under a single computer.

Hub Routing – Routing Accuracy and Model accuracy

User Traffic – Spark streaming to find out the users and their behavior – time spent, frequency etc

#### **Responsibilities:**

- Understand the logic and develop SQL queries and upload to Github repo for cross functional team usage
- Test and bug fix the pyspark scripts in stage environment, production promote and schedule workflows
- Data load into Hive/ADLS tables for visualization
- Validate both Hana and Hive data tables (interim checks)
- Integrate external services using Informatica ICS, test in stage, promote and Schedule Workflows.

**Environment:** Azure services, Azure DevOps and Git, Tesseract, Pyspark, SQL Server, Informatica IICS

### **Project #11: Purchase Order Creation**

**(Apr 20 – Aug 22)**

### **Project #10: Email Verification and Validation**

### **Project #9: Legal Dashboard**

**Client: Gavi**

**Role: Data Engineer**

#### **Responsibilities:**

- Understand the data source, data formats and Talend-BD jobs, and their schedule
- Prepare Technical Design Documentation for deployment and save in repository
- Build Workato recipes (jobs) and implement stringent security
- Transported the data as is like Talend-BD jobs done, to partners with different file formats (JSON, CSV, XML)
- Developed callable recipes with different APIs
- Validate and verify the emails' strength
- Understand the data board data placement to different XL tabs
- Filter and pivot table build in XL tab
- Integrated Sharepoint and Excel
- User-friendly report to customer on-clicks
- Dynamically generate data into different XL tabs

**Environment:** Azure services, Sharepoint, Pyspark, Talend-BD, Workato, Salesforce, HTTP, SAP, JSON, XML, CSV,

### **Project #8: Snowflake Migration**

**(Sep 19 - Mar 20)**

Profile of Narayana B

Page 2 of 5

**Project #7: Teradata Migration****(Sep 18 - Aug 19)****Client: Cisco****Role: Data Engineer****Responsibilities:**

- Identify and list of MYSQL source tables and prepare the metadata framework
- Migrated MYSQL tables into Snowflake
- Integrated MYSQL, AWS S3 and Snowflake
- AWS S3 used as Data Lake / STAGE layer
- Increment load successfully implemented
- Data compare and prepare a dashboard for verification
- Identify the list of tables and prepare Data model dependency XL
- Create Hive external metadata tables
- Understanding the existing Scala scripts and transform into HIVE scripts
- Data modeling and eliminate unnecessary tables
- Build shell scripts, include BTEQ Teradata script, hive script, integrate with Informatica
- Prepare Dashboard data sheet with component wise, count-wise and table-wise

**Environment:** Git Hub, Pyspark, Informatica, Teradata, Shell Script, MYSQL, Snowflake, AWS**Project #6: Log Files Analysis****(May 14- Jan 15)****Client: iRobot****Role: Consultant**

**Description:** The American advanced technology company develops utility bots to perform daily house hold activities. We have designed solutions using external modules like Sumologic, SnapLogic and AWS individually. Main objective of the project is to build stable, scalable, applications in AWS with low-cost ownership. Collected log files, which are generated by Utility robots (Floor cleaning automated machines), analyzed, and prepare dashboard.

**Responsibilities:**

- Designed and developed Pyspark Scripts to collect streaming data from utility devices.
- Prepare rules engine and load data into Dynamo DB.
- Wrote SQL scripts to create tables with constraints for Redshift.
- Data frames loading from S3 to Redshift.
- Wrote Spark SQL code to aggregate the data and store them in RDMS
- Execute Spark engine and store output into Dynamo DB, Validate performance.

**Environment:** AWS (PySpark, S3, Dynamo DB, Redshift DB)**Project #5: CLIP****(Jul 13- Apr 14)****Project #4: CIRA****(Oct 12- Jun 13)****Client: Euroclear****Role: Consultant**

**Description:** Euroclear is a Belgium-based financial services company that specializes in the settlement of securities transactions as well as the safekeeping and asset servicing of these securities. It was founded to settle trades on Euro-bond market as part of J.P. Morgan & Co. Developed conceptual paper to load the archival data into cluster and analyze data of customers for providing efficient business services in lieu revenue generation.

**Responsibilities:**

- Analyzed the data source and import archival data from database.
- Data cleansing and segregate non-qualified records for processing.
- Segregation of customers based on net worth and transactions.
- Support all business areas of bank with critical data analysis in decision making.

- Monitor cluster performance and balance the nodes against large data sets.

**Environment:** Informatica, Cloudera V4.4, Map Reduce, Hive and SQOOP

### Project #3: Santander Migration

(Oct 10- Jun 11)

**Client:** Santander

**Role:** Consultant

**Description:** Santander UK plc is a British bank, wholly owned by the Spanish Santander Group. Santander UK plc manages its affairs autonomously, with its own local management team, responsible solely for its performance. The current project is to migration from Vision plus code to Cardpac.

#### Responsibilities:

- Identify the files, internally developed components and tools and note in XL file
- Captured the list of tables and data from different tables into Excel.
- Browse the applications and ignored Excel file which are mandatory, ignorable, important data sets.
- Shared the files and tables details to Manager for his review.

**Environment:** Mainframe Z/Os, VSAM, Cardpac, Microsoft Excel

### Project #2: Bank of America – Support

(Jan 09 - Nov 09)

**Client:** Bank of America

**Role:** Application Developer

**Description:** The Bank of America Corporation is an American multinational investment bank and financial services holding company headquartered in Charlotte, North Carolina. The bank was founded in San Francisco, and took its present form when NationsBank of Charlotte acquired it in 1998. The current project is to support applications, which are written in IBM Mainframe JCL and Teradata.

#### Responsibilities:

- Work with L2 support team and fix the bugs when occurred.
- Rerun the jobs after fixed.
- Rerun the jobs after bind the jobs due to insufficient memory or Con token issues.
- Browse the JCL and remove unnecessary code.

**Environment:** Mainframe Z/Os, VSAM, JCL, Teradata

### Project #1: Transaction Routing System, Auto Balancing, Recon plus

(Jan 05 - Dec 08)

**Client:** SunTrust Banks Inc

**Role:** Application Developer

**Description:** SunTrust Banks, Inc. is an American bank holding company with SunTrust Bank as its largest subsidiary and assets of US\$199 billion as of March 31, 2018. The bank's most direct corporate parent was established in 1891 in Atlanta, where it was head quartered. Worked as Mainframe Tester and Test Lead for the applications and supported testing activities for Regression, ICAT, and PRDR.

#### Responsibilities:

- Identify the list of participating interface applications.
- Test bed preparation, cleaning, Data preparation, and restoration for test cycles.
- Perform regression and integration testing activities like identify the interface files, prepare files.
- Unit test, review, update design document.
- Provide the solutions for defects/Change requests raised by Bank customers/clients.
- Status and defect management and prepare report.
- Supported disaster recovery from offshore.
- Fix the defects and prepare the dashboard
- Browse the JCL and remove unnecessary code.

**Environment:** Mainframe Z/OS, COBOL, CICS, DB2, VSAM, Job Control Language