

Malluvalasa Kiran Mai

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EDUCATION

Master of Science: Computer Science, Texas Tech University, CGPA 3.46

Dec 2023

Bachelor's in Technology: Computer Science Engineering, Gitam University, CGPA 3.7

May 2021

SKILLS & TOOLS

Programming Languages: C, Java, SQL

Data Management & Analytics: MSSQL.

ETL Tools: Informatica PowerCenter 9.6.1/9.5.1/9.1/8.1/7.x Power Exchange, MDM Power Hub, B2B DT, Developer (IDQ) and Analyst (IDE).

Informatica Cloud, SSIS. Version Control: CVS, GIT.

Web Technologies: HTML5, CSS3, JavaScript.

Methodologies: Agile, Test-Driven Development, Waterfall.

Databases: Oracle, SQL-Server, MySQL server.

Cloud: S3 Bucket, Putty, Certified in Azure Fundamentals.

Hadoop/Big Data: MapReduce, Hive, HBase, Pig, Sqoop, YARN, HDFS, Hue, Tableau

Java & J2EE Technologies: Core Java, Servlets, JSP, JDBC, Hibernate

Databases/Database Languages: Teradata, Oracle, SQL server, MySQL, SQL, HQL, NoSQL (HBase), DB2

PROFESSIONAL SUMMARY

- 1+ years of IT experience in various roles as Data analyst, Systems/Data Engineer, Software Engineer.
- Experience in designing and developing cloud-based architecture and solutions.
- Designed and developed various projects in bigdata ecosystem - MapReduce, Hive, pig, HBase, Elastic Search.
- Deployed and managed bigdata based ETL solutions to handle billions of records and terabytes of data with various file/storage formats (Parquet/RC/ORC/AVRO) and multiple compression techniques (Snappy/Bzip).
- Working experience in Waterfall, Agile, scrum and hybrid methodologies with expertise in all phases of Software Development Life Cycle.

PROJECTS

Quality Assurance Tester:

- Created test plans that outline the testing approach, test cases, test Scenarios and expected outcomes.
- Utilized Microsoft Excel advanced functions and formatting tools to create clear and concise test cases and scenarios.
- Tested every scenario regarding project in MDM hub Console, IDQ and S3 Browser.
- Reported and tracked issues that are identified during testing, Raised in Azure DevOps
- Analyzed test results and provided feedback to the development team using Azure DevOps

Using Azure DevOps:

- Analyzed test results and provided feedback to the development team using Azure DevOps
- Written all test cases and test scenarios for product and customer.
- Raised issues, informing the development team of defects and bugs that were discovered during testing.
- These issues are typically accompanied by detailed information, such as steps to reproduce the issue, screenshots, and logs. Developer used this information to investigate the issue and make the necessary changes to the software.

WORK EXPERIENCE

Programmer Analyst Trainee, Cognizant, Bengaluru, Karnataka, India

June 2021 -July-2022

- Experienced in Spring boot framework developing dynamic web applications according to the client requirements.
- Designed and developed multistage ETL to import from Teradata to Hadoop (Hive and Splice machine) and then to SQL server
- Import the data into Hadoop using TDCH (Teradata connector for Hadoop).
- Created Hive tables to be used by the multiple teams .
- Used and developed Sqoop commands to export from Hadoop to SQL Server
- Used Control-M to perform automation for scheduling and trigger the jobs.
- Received critical appreciation from client for timely deliverables, technical skills.
- Used Git hub for version control and used bamboo and bit bucket to maintain build and release pipelines.
- Used spark, TDCH (Teradata connector for Hadoop) to import the data into Hadoop
- More than 500 tables are imported into Hadoop platform from Teradata.
- Created the hive tables in Avro and parquet format.
- Worked closely with Teradata Admins and DBA's to replicate the database modelling between Teradata and Hadoop.
- Developed and deployed multiple shell scripts to automate the config file migration between multiple environments (DEV, TEST and PROD)
- Worked on Change Data Capture to listen the changes in Teradata and replicate the changes in Hadoop region.

Environment: Cloudera Hadoop, Scala, Sqoop, Hive, Microservices, Java, Splice Machine, Teradata, SQL server, Docker, Splunk, Bing APT, RESTful services, Tableau, Drools for business rules configuration/integration, other technologies supporting Agile (Jira, Confluence), DevOps (Bamboo, Bitbucket) and Test Automation (Big Data Automation framework, Junit), Teradata, Hadoop, HDFS, Spark, TDCH, Hive.

Intern- Cognizant-Chennai, Tamil Nadu India

Feb 2021-July 2021

- Analyze the requirements to propose the best possible architecture and design
- Performed impact analysis for the enhancement request and prepared design documents
- Implemented the requirements using COBOL, CICS, DB2 and EZETRIEVE
- Create the jobs using JCL and schedule the jobs using Job Scheduler
- Coordinated with mainframe developers to understand the migrated legacy application functionality from mainframe to Java/J2EE.
- Worked on JavaScript, JSP, and Servlets as a web application replacement for mainframe front end.
- Identified bugs in the migrated application by running test cases and using Eclipse IDE.
- Planned and organized work distribution among team members in compliance with the deadlines
- Develop test cases, perform Unit Testing and User Acceptance Testing before getting approval from Quality Assurance Testing
- Schedule the installs in accordance with the SLA agreements.
- Conducted technical and domain level knowledge transfer sessions

Environment: Java 6, Eclipse, JSP, Servlets, MAINFRAMES, COBOL, CICS, DB2, JCL, EZETRIEVE, log4j

AWARDS&INVOLVEMENT

- Best Employee of the Quarter (Working as One -Silver award-Cognizant)
- Client Appreciation for the innovative Strategies of problem solving (AVEVA)
- Cognizant Cheers for performer of the year.
- Promotion in one level higher with in a year of joining.

CERTIFICATIONS

- Microsoft AZ-900(Issued by Microsoft Corporation)