

EDUCATION

VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY

B.ENG. IN ELECTRONICS AND COMMUNICATION

First Class with distinction - 66.17%
May 2016 | Pune, India

COURSEWORK

Data structure and algorithms
programming c,c++ ,oops and java
SQL & Databases
System Design

LINKS

Github://kmayuri-164
LinkedIn://karnemayuri

SKILLS

FUNDAMENTALS

Problem Solving • Object Oriented Design •
Functional Programming • Design Thinking

PROGRAMMING

Scala • Python • SQL • Shell / Bash • Unit Tests
Familiar:

NoSQL • XML • JSON

DATA

Data Warehousing • Data Modeling • Data
Analyst • ETL • Data pipelines • Data quality •
Data storage & retrieval • Data governance •
RDBMS • Performance tuning & Troubleshoot

FRAMEWORKS

Apache Spark • Apache Hadoop • Apache
Kafka • Hive • HBase

BUILD TOOLS & ORCHESTRATION

Airflow • Autosys • Maven • • DevOps, CICD
• IntelliJ & other IDE • Git • Jenkins

CLOUD

GCP - Ephemeral DataProc, BigQuery, Storage,
• AWS - S3, EC2

JOB FUNCTIONS

Requirement Gathering and Analysis • Coding
• Documentation • Implementation • Unit
testing

ACTIVITIES

TRAINING

BIG DATA MASTER ENGINEERING BY
TRENDY TECH

April-Sep 2022 | Online

CERTIFICATIONS

AZURE FUNDAMENTAL CERTIFICATION
April 2020

CAREER SUMMARY

A proactive, innovative, and detail-oriented data engineer with 6.5 years of experience, consistently exceeding expectations and performance goals in a wide variety of projects. Collaborative and knowledgeable Big Data developer passionate about delivering Scalable solutions to meet business needs in variety of projects.

WORK EXPERIENCE

IBM DATA ENGINEER

May 2021 - Present | Pune, India (vendor - Walmart)

- Built robust & reliable data pipelines using Scala, and Spark by examining, unifying, Standardizing, cleaning & Identifying duplication with various customer data from internal and external data sources.
- As a Data engineer implemented robust data pipelines to help manufacturers understand product movement, customer response, & future trends.
- By leveraging a robust data mart platform, the monetization of Sales, Inventory, Supply Chain, and E-commerce data led to a remarkable 75% business growth and fostered increased collaborations with suppliers

ACCENTURE DATA ENGINEER

Feb 2020 – August 2021 | Bangalore, India

- As a Data Engineer, successfully the migrated project from Oracle to Snowflake using Amazon Athena and S3, resulting in an annual cost savings of \$678,000 and a remarkable performance increase of 14%.
- Implemented a robust real-time data pipeline that seamlessly processed semi-structured data. This involved integrating a massive volume of 150 million raw records sourced from 30 different data sources. Leveraging technologies such as Kafka and PySpark ensured the smooth ingestion, transformation, and enrichment of the data in real time. The processed data was efficiently stored in an S3 bucket, enabling easy accessibility for downstream analytics and reporting purposes.
- Designed data pipelines using Apache Spark, Python, and AWS to process 300TB of structured and unstructured data.

INFOSYS PROJECT 1 : ETL DEVELOPER

May 2019 – Feb 2020 | Pune, India

Managed Largest health care: Analyzing complex business requirements, developing processes, logic, and a scalable framework to enable client-Physician contracting in a patient-centered care model, reducing healthcare costs and enhancing care quality across all markets.

- Utilized Teradata BTEQ, FLOAD/MLOAD/TPT utilities for ELT script development, implementing business logic while leveraging their performance and query optimization capabilities.
- Use Informatica 9.5, 9.6, 10.2 to develop mappings and workflows and scheduling jobs.
- End-to-end implementation starting from Requirement analysis, Dev, Support SIT and UAT, and finally Prod Warranty fixes.

INFOSYS PROJECT 2: ETL DEVELOPER

June 2017 – May 2019 | Pune, India

- Achieved a 39% reduction in development cycle time and ensured high code quality by successfully migrating from the legacy ETL developer platform to Salesforce standards
- Increased the efficiency of the data fetching by approximately 30% using query optimization and indexing
- Improved communication between customers' needs and product development teams by designing proactive data collection processes, which boosted annual revenue by \$1M.

AWARDS

2023: Walmart Client and Partner Success Award