

VIKAS KUMAR

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PROFILE SUMMARY

Total Experience: 3 Years 4 Months

Since when I started working, I have always been passionate about data and rejoiced connecting the dots to get the data crafted to our need, I love visualizing the stream of data from its raw form to meaningful valuable piece of information. Having worked in wonderful tools, to make this possible and the recent boom in the area of data science keeps me going and pushes to find new challenges to solve them. Like to end with – Show me the data!

- B.E. Graduate with an extensive experience in ETL, DW, Designing using tool like Dimensional modeling for data warehouses (OLAP), design and development of Products and Projects, E/R designing Informatica, TABLEAU, Business Objects Analysis and Reporting ETL, Writing analytics adhoc SQL, PLSQL, Unix Scripting and scheduling using Control-M, Built many automation scripts using shell and PYTHON connecting the dots using available APIs. Business Intelligence, Requirement Analysis, Data Warehousing, Client Requirements Gathering & Requirements Analysis in Risk Management division of Investment Banking domain.
- Well known to the process of SDLC, implementing the best practices as per agile methodology.
- Adhering to deadlines and handling multiple tasks, flexible in work schedules.
- Passionate about new technologies, attending several MOOCs in the field of Data Science, especially the Machine learning part of it.
- Bestowed with additional task to improvise the existing process and codes in places, to make sure to reduce human efforts required.

PROFESSIONAL SUMMARY

Tata Consultancy Services Ltd. (TCS) – System Engineer; Bangalore, Karnataka, India

Project Details -1:

CRO IT (for a Leading Swiss Bank)

Working for CoE (Center of Excellence), CCAR (Comprehensive Capital Analysis and Review), Data Lineage Team, BFI etc.

Develop POC models and evaluating major big data stacks like Spark and Hadoop. Use Python and Shell scripting to automate the existing processes. Major system involved in ETL operation on RDS, used to calculate risk numbers primarily VAR etc. The data is received in form of feeds from different geographies. Different form of source are involved from different upstream RMS, with different format, which are then stored by performing ETL operations, to apply cleansing, profiling, business rules, calculation etc. And then report being generated on MARS and STAR systems.

- Integrated data from variety of sources from across the globe in the form of flat file, web services, excel sheet, csv etc.
- Design and implement mapping for new regulatory projects, understanding the correct requirement to provide complete model for all requirement.
- Discuss and understand the business requirement to prepare and develop the technical documentation and lead implementing the code changes, with in given SLA maintained in JIRA tool, from Unit testing to release to Production by release management team.
- Help resolve and close critical PROD and UAT INCs, for the mentioned system, which required uses of advanced SQL queries.
- Work across all different RMS, with different underlying mapping codes to load different feeds.
- Develop different procedures in PLSQL, which in turn is used to optimize various tasks.
- Develop different kinds of mapping codes depending on requirement.
- Lead a team responsible to create new feeds for regulatory project CCAR.
- Perform analysis on adhoc request writing complex SQL queries.
- Test all impacts for all new code implementation for upstream, downstream systems, and also perform volumetric analysis.
- Developed Data Lineage to produce POC for regulatory requirement, participate in client interactions, to understand the requirements to discuss and understand the requirement to getting the sign off for final PROD labels applied.
- SME for two complex systems SCI and Scenario feeds.
- Interact with third party (auditors) to deliver in line to regulatory requirements.
- Automate task for job scheduling in Control M using UNIX scripts and SQL scripts.
- Develop jobs on Control M and Test the same. Performed analysis on all ControlM jobs numbering to 10k+ and improve efficiency.
- Automated few daily tasks using python script to generate HTML using XSLT Transformation for XML data.

Project Details -2:

ILP Trainer –Trivandrum (TCS Internal) - Learning Enabler

This role involved preparing new joiner to ramp up quickly in the field of data ware house concept, starting from creating new website based on a business model up to getting business critical reporting done, figuring out important KPIs. Help them visualize the data from the source to business decisions. My role was to train new joiners helping them in understanding the technical nitty gritty for their smooth onboarding.

- Researched on data quality issues for in-house ETL (Extract Transform Load)/BI (Business Intelligence) case studies and assisted in resolving them.
- Created new case study and data model and different dimension for in-house internal use to impart training.
- Design and develop new sets of data model based on STAR and SNOWFLAKE scheme in ORACLE database for all new case studies developed.
- Build new static tables like Data Dimensions etc. to be used for reporting purpose using Business Objects.

- Build new data models considering different domains, to impart training for various concepts used in BIPM process.

EDUCATION

Visvesvaraya Technological University

Bachelor of Engineering

2012

ACTIVITIES

- Contributed in beautification of building by painting on the walls and galleries across TCS Offices.
- Participated in CSR (Corporate Social Responsibility), to mentor and teach poor students.
- Caricature design.
- Organize Team events.
- Coordinating a huge event 'IT Wiz Quiz' which had a participation of more than 2000 students.

ADDITIONAL INFORMATION

Technical Skills:

Programming Language: Python, SQL, PL/SQL (Allround Automations), and UNIX Shell Scripting, C, Java.

ETL Tool: Informatica PowerCenter

Analytical & Reporting Tool: Tableau, Excel, SQL, SAP Business Objects, MATLAB.

Database: Oracle, MongoDB (NoSQL)

Big Data Tool: Hadoop, MapReduce, HDFS, Spark.

Scheduling Tool: Control M Desktop

Editor: Notepad++, Oxygen XML Editor, Beyond Compare

Operating System: Windows, UNIX, Linux

Version Control Tool: Git, SVN