Shashikumar M. **Vishwakarma**

SENIOR ANALYST · SQL DEVELOPER

Bengaluru, India

(+91) 9702820466 | ✉ sk619vish@gmail.com | ☐ github.com/SKumarVishwakarma | in linkedin.com/in/shashikumar-vishwakarma/

"I have no special talents. I am only passionately curious."

About Me

I would describe myself as highly curious and focused on learning in all parts of life, personal and professional. In my professional life, I look for challenging problems to solve and where I can learn and develop the most. I've taken on many different types of roles, including Consultant, Data Analyst, and SQL Developer. No matter what I'm working on, I'm very invested. I identify anyone I can learn from, as well as problems that I care about, and try to optimize every step of the process. In my personal life, I spend a lot of time reading and usually have a focused area of interest for a longer period of time. For instance, since last year I started reading about Quantum Mathematics, especially the Chaos theory and universal constants like the golden ratio which I tried to relate to Life and World. I found it fascinating, and it actually sparked a desire to grow which eventually led me to my current role and keep me curious enough to allow me for new challenges.

Career Objective

To explore learning within a set timeline and organized environment to enhance skills and consistently improve efficiency. With strong problem-solving skills, acute data analyst, and good communicator seeking an opportunity to utilize my skills for new challenges and achieve set professional growth.

Professional Summary

- Senior Analyst and SQL developer with 6 years and 3 months of experience in the Banking and FinTech Industry.
- Supported Basel 3 reform within HSBC for regions of the UK, Malta, and UAE by developing B3R Data Dictionary to identify key risk data elements essential to compute RWA among the retail portfolio of CARDs, Mortgage, Personal Loans, Overdrafts.
- Managed Risk Data Migrations, Data Quality, System Transitions, Data-Mapping, Data Transformations, Data Lineage, Data Reconciliation, and Documentation in alignment with policy and governance, to deliver RDM(Risk Data Mart) which was ultimately used for various reporting purposes.
- Performed due dilligence to research, analyze to support developement of risk data-fields, Data Marts and meta-data. Identified opportunities and deliver process improvements, standardization, rationalization and automations.
- SME in Banking operations, products, and regulatory reporting to provide insightful solutions of Risk Management, Exposure Calculations, Pricing, KPIs of Loan Portfolio.
- Strong knowledge of Data Model, DWH, SQL/PL-SQL, and ETL to develop applications to aid solutions employing writing complex SQL queries, creating Stored Procedures, User-defined Functions, Triggers and using advanced SQL function to meet the challenging business requiremen.
- Having an extensive experience of process optimization/automation using Explain Plan reading, estimating the cost, and creating required objects basis plan assessment like indexes, partitions, compressions techniques and writing PL-SQL programs, etc.
- Involved as Client Relation Manager with various stakeholders to gather business requirements and responsible for translating into functional understanding to aid in implementing Technical Solutions.

Skills

Technologies	Hadoop, Hive, SQL, PL/SQL, Oracle, Python, Pyspark, LaTeX
Business/Analytics	ETL, Data Modelling, Excel, MS-Office, Data Visualization, Story Telling, Anaconda, Jupyter Notebook
Languages	English, Hindi, Marathi

Experience

Basel 3 Risk Data Mart, HSBC
Bengaluru, India

SENIOR ANALYST
Feb. 2020 - Aug. 2022

- Involved in the complete implementation of Malta region RDM for key retail loan portfolios Cards, Mortgage, Personal Loans, and Overdraft.
- Performed complete UAT testing and Pre-Prod testing to ensure business validity.
- Created B3R Data Dictionary to enlist risk elements related to the retail loan portfolio.
- Facilitated STM based on B3R Data Dictionary to the development team for Data Modelling, Data pipelining, and Transformation and loading activities.
- Supported Data Governance for key business fields for monitoring and classifications, facilitated the technical and functional definitions by interacting with various global SMEs.
- Performed Data Quality checks by writing Data Quality rules on crucial data fields post loading to ensure the integrity and correctness of data in accordance with the source.
- Automated validation and Testing script using HQL's dynamic parameter and Unix scripting to reduce significant time and efficiency of whole Data Mart.
- Performed due diligence to identify business crucial data fields, proposing POC as part of MI requirement to monitor performances of various products for the Bank.

Flipkart Lockin CMX, Flipkart on contract with Manthan Software
Bengaluru, India

DATA ANALYST
Nov. 2019 - Jan. 2020

- Involved as Data Analyst for Customer Behaviors analysis, the objective is to increase the number of Flipkart plus members on the online platform and assess the seeded plus members' behavior.

Argus Portfolio Management(Argus Information and Advisory Services LLC), Verisk Financial | Fintellix
Bengaluru, India

CONSULTANT
Dec. 2018 - Nov. 2019

- Sourcing data from Equifax for various loans portfolio to develop dashboards by developing data model basis business logic.
- Extensive data analysis is done for loan data provided by the Bank or the Credit Bureau to decide the best-suited key metric used for developing the various reports on Pricing, Risk, and Rates.
- Provided Risk Model for Personal Loans, Auto Loans, and Mortgage Loans with the comparative analysis of Credit Risk Score of FICO, Equifax, and TransUnion respectively.
- Existing manual processes to develop reports are made automated by developing multiple stored procedures in T-SQL and successfully deployed in the prod environment to significantly reduce the processing time also the manual interventions.
- Understanding the current process of business and aspects of their day-to-day operations to enhance existing processes by developing the dynamic framework and providing automated solutions.
- With good knowledge of Credit Card Transactional data and its business leveraged to build Insightful reports for Banks comparable to Overall Industry basis various KPI matrices and segments.

RBC CCAR/DFAST Regulatory Reporting (Argus), Verisk Financial | Fintellix
Bengaluru, India

CONSULTANT
Aug. 2018 - Dec. 2018

- Majorly I was Involved in 14YA Schedule and PPNR (Pre-provision net revenue) which incorporated with various Income Statements to the loan's portfolio.
- Quantitative projections of the balance sheet, income, losses, and capital across a range of macroeconomic scenarios and qualitative information on methodologies used to develop internal projections of capital across scenarios.
- Validation and Integrity checks for matrices used to project the Various capital exposures to meet the financial requirement under stressed conditions.

Argus Global Studies (Argus Information and Advisory Services LLC), Verisk Financial | Fintellix
Bengaluru, India

CONSULTANT
Jul. 2017 - Aug. 2018

- Global Studies deals with credit card-related data from end to end. The data gets loaded from the various sources into the Argus system which is then analyzed for accuracy and quality of data.
- Sourcing, reconciliation, validation, and analysis of bank-wide data used in the Credit Card Business.
- Developing extensive data model and data validation to support the business by developing a monthly report which measures performance.

RBI-ADF (HDFC Bank), Verisk Financial | Fintellix *Mumbai, India*
Consultant *Aug. 2016 - Jul. 2017*

- Streamlined the report generation process by developing a data warehousing technique to automate the loading process which reduced the time of the data loading process to a very great extent.
- Designing mappings and workflows using Power center Designer and Workflow manager for various Bank's data warehouse requirements.
- Worked on application version upgrade and handled deployment of the application including testing functionalities, data migration, and resolving issues.
- Worked on upgrading the application with modified and new features. Looked into the re-development of various RBI reports. Also investigated Data Migration and optimization of existing ETLs. Worked on testing the report logic and new application functionalities. Followed up on resolving various applications and reported issues.

TRAQ (NPA/SMAs) (HDFC Bank), Verisk Financial | Fintellix *Mumbai, India*
Consultant *Aug. 2016 - Jul. 2017*

- TRAQ is a product that is used by the bank for identifying Non-Performing Assets. This identification is reported to RBI in various reports. Worked on the enhancement of this application where the bank required identification of SMA's. Looked at various change requests development and deployment of the project.
- Coordinated with bank technical and business solutions group to understand business requirements and able to create functional documents which ease the development and implementations.
- Involved in complete UAT development, testing and production migration of the development and change requests.

Awards & Certificates

Awards

| 2018 | **Individual**, Best Performer of the Year for Global Studies, Binge 2018-Verisk Financial | Fintellix | *Bengaluru, India* |

Certificates

2021	**Training**, Google Cloud Platform Professional	*HSBC*
2019	**Course**, Python Essential Training	*LinkedIn*
2019	**Course**, Programming Foundations: Algorithms	*LinkedIn*
2018	**Training**, Lean Six Sigma Yellow Belt	*Fintellix*
2017	**Course**, Programming Foundations: Fundamentals	*Lynda.com*

Extracurricular Activity

IdeaHub *HSBC, Bengaluru, India*
Core Member *Aug. 2020 - Dec. 2021*

- Responsible for onboarding Ideas across the Ideahub platform from GAC India.
- Managed follow-ups and evaluation of ideas based on cost efficiency and ease of utilization within the HSBC environment.

LaTeX For resume Building *Online*
Learning *2021 - PRESENT*

- Creating resumes using scripting language like LateX using TeX editor.
- This resume is build using the LateX language.

Education

K.J. Somaiya Institute of Engineering and Information Technology *Mumbai, India*
B.E. in Electronics and Telecommunication *Mar 2016*

- Secured First Class Division in B.E. Examination