

# Vivek Tomer

Des Moines, IA \* (682) 557-1772 \* Vivek.k.tomer@gmail.com

## Professional Summary

- Experienced Data Warehouse Consultant committed to maintaining cutting edge technical skills and up-to-date industry knowledge.
- Result-oriented with strong passion and appreciation for design and detail. Track record of achievements in managing complex architectural projects from inception to completion, including planning, estimating, leading design/development/test and implementation; knowledgeable in sustainable design techniques, applications and development codes.
- Good understanding of Big data concepts and utilization of Hadoop for predictive analytics.
- Extensive experience in leading/designing processes to integrate data into the Enterprise data warehouse across multiple business units (Personal Lines, Commercial Lines, Claims, Agency) and multiple lines of business within a business unit.
- Key contributor in applying Agile methodology for the Commercial Data Warehouse build and run work.

## Core Competencies & Skills

- ♦ Data Warehouse
- ♦ Commercial & Personal Line Insurance
- ♦ Data Analysis
- ♦ Database Design, Data Modeling
- ♦ Data Architect
- ♦ Test Driven Development
- ♦ Informatica Power Center
- ♦ Teradata, Oracle, DB2, MS SQL Server, Netezza
- ♦ Hive, Pig, Sqoop, Spark
- ♦ Micro strategy, Tableau, SAS
- ♦ Erwin, IBM Data Architect
- ♦ Detailed and Organized
- ♦ ETL Design & Development
- ♦ Business Intelligence
- ♦ Hadoop Big Data
- ♦ Agile Mindset
- ♦ Unix/Linux
- ♦ Salesforce Integration
- ♦ Maestro, ESP
- ♦ Harvest, Sub-version, GitHub with Urban Code Deploy
- ♦ SQL, PL/SQL, Perl, Python, Unix Shell Scripting, Ruby
- ♦ Informatica Data Quality

## Professional Experience

### **Nationwide Mutual Insurance, Des Moines, IA**

*Consultant, IT Application Development, Apr 2014-present*

- ♦ Lead tier-1 commercial subprogram for integrating commercial LOBs data into the Enterprise data warehouse.
- ♦ A liaison between IT & business.
- ♦ Architecture the design for delivering Commercial data to Third Party Vendor and vice versa for Loss Control, building evaluation, vehicle data prefill.
- ♦ Design the solutions for Commercial Policy Center data into Hadoop Big Insight (Data Lake) for Pricing & Analytics.
- ♦ Worked with architects and app owners in setting up the roadmap for multiple assets
- ♦ Provided solutions for multiple complex projects and delivered on promises.
- ♦ Managed delivery teams and successfully executed large solutions, and maintained proper communication with the business unit.
- ♦ Coordinated with segment leaders to promote architectural goals and design concepts.
- ♦ Mentored less experienced architects and trained architectural personnel.
- ♦ Planned and led professional development reviews and "lessons learned" sessions.
- ♦ Provided technical oversight and direction in improving defect backlog, recurring incident count, tech debt and I&O project work. Conducted peer designing, code reviews, standard documentation and ETL procedures.
- ♦ Lead the ramp up of new agile lines by adhering to the program standards for multiple programs.
- ♦ Lead multiple projects from Initiate to run phase by following complete SDLC life cycle.
- ♦ Covered a lot of ground across projects as a lead/architect/SME.
- ♦ Delivered a new standard process for path to production, using Harvest/xml, which was then adopted as standard process across enterprise DW platforms.

- ♦ Worked as a data SME for Commercial Lines Transformation program and provided consulting across multiple teams & projects across geography.
- ♦ Responsible for application maintenance, tech debt, decommissioning the old asset and upgrades to keep up with the technology standards.
- ♦ Mentored & trained new and existing experienced team members.
- ♦ Provided consulting for adapting test driven development (TDD) with new data integration framework (DIF) for multiple teams
- ♦ A "Go to person" for Commercial Data Warehouse.

### **Nationwide Mutual Insurance, Des Moines, IA**

*Specialist, IT Application Development, Apr 2010-Apr 2014*

- ♦ Lead and implemented multi phased Goal state underwriting project to support the Nationwide strategic goals of Distribution Excellence and Operational Simplicity.
- ♦ Lead and implemented the multiyear tier-1 commercial connection subprogram for building Commercial data into enterprise data warehouse (eProduct).
- ♦ Instrumental the challenge for implementing highly complex dedup and change data capture process in Informatica. This is the first time ever such a complex code was converted from bteq to Informatica.
- ♦ Built back-end architecture for standard relational DBs as well as Data Marts to be eventually converted into Enterprise Data Warehouse (EDW) with conformed dimensions and multiple fact tables.
- ♦ Provided solutions for various complex requirements for extra-large to extra small data warehouse projects.
- ♦ Lead and improvised existing Commercial Data Warehouse applications and flows.
- ♦ Created new and innovative approaches to problems and discussed them with project managers.
- ♦ Planned and led professional development reviews and "lessons learned" sessions.
- ♦ Extensively used ERwin for Data modeling, Dimensional Data modeling and Design Schemas.
- ♦ Created Entity Relationship diagrams and maintained corresponding documentation for corporate data dictionary with all attributes, table names and constraints.
- ♦ Assisted program managers, architects in roadmap planning, application retirement planning.

### **Nationwide Mutual Insurance, Des Moines, IA**

*Sr. Developer, Jan 2008-Apr 2010*

- ♦ Lead the DataStage to Informatica migration effort by ensuring no standard missed and coding complete with less complexity and high quality for allied claims, commercial portfolio data mart, personal lines boat data mart applications.
- ♦ Mentored DSM DW team members to uplift team technical skills in ETL tool Informatica power center.
- ♦ Designed, developed, tested and implemented an application for converting exclusive agents to independent agents for the state of Florida.
- ♦ Assisted in ETL peers code reviews and facilitated daily/weekly discussions with development team to discuss roadblocks, issues, risks, dependencies, to estimate the future work requests.
- ♦ Supported the galaxy DW infrastructure team for upgrading systems/applications were running on distributed environment like Informatica, Unix, Teradata, Maestro, Harvest, etc. Lead the build to run transition effort for goal state rate management IC Auto & Property application (now called as eProduct) along with a coworker.
- ♦ Troubleshooted the long running eProduct jobs, fixed several defects, created new dimensions and facts to support the goal state needs.
- ♦ Provided 24\*7 support for complex production applications.

### **Metlife Insurance, Somerset, NJ**

*Distributed Database Engineer, Aug 2007-Jan 2008*

- ♦ Interpreted the information from various Operational Data Sources and external systems to create a road map for the Data Warehouse design.
- ♦ Analyzed business needs and implemented the same into a functional database design. Extensively used Erwin for data modeling, dimensional data modeling and design Schema. Created and implemented effective referential integrity rules for complex databases in OLTP environment.
- ♦ Extensively used ETL to load data from MS SQL Server, Oracle, and Flat Files into staging area. Developed PL/SQL stored procedures and triggers in Oracle to fine-tune this process.

- ♦ Performed database administration activities such as applying the CPU patches, DST Interim Patches, performed weekly Oracle and DB2 UDB Health Check report on critical applications, monitored databases for lock escalation, dead locks, etc.

**Yash Solutions LLC, Atlanta, GA**

*Jr. DB2 UDB DBA, May 2007-Aug 2007*

- ♦ Learned and performed DBA activities while mentored developers on ETL tool Informatica.
- ♦ Worked with application developer and monitoring SQL through gathering explains data and advising SQL tuning tips.
- ♦ Developed and implemented standards to create various database objects. Maintained security administration includes handling instance / database level authorities.

**eFulgent Data Solutions, Phoenix, AZ**

*ETL Developer, Nov 2006-May 2007*

- ♦ Work extensively on Data warehousing, extensively used Informatica tool to design mappings to move data from sources to targets by utilizing the concept of slowly changing dimensions.
- ♦ Implemented complex ETL logic by utilizing Informatica features and transformations.
- ♦ Developed Built-In & Custom Defined Transform Functions & mappings.
- ♦ Interacted with the User Groups/Corporate Testing Groups/Business people.
- ♦ Designed, created, enhanced existing Universe, Classes and Objects for management system to generate adhoc reports with graphical representation such as Bar charts, Pie charts for multidimensional analysis.

**Education**

**U.P. Technical University, Lucknow, India**

*Bachelor of technology in Electronics & Communication, June 2005*

**Learning & Certifications**

- ♦ Attended a two days training at Hortonworks Hadoop Summit in San Jose, CA that included a crash course on open source tools Hive, Pig, HCatalog, MapReduce, Ambari, Yarn, and hands on experience on Hadoop HDFS platform using Hive, HCatalog, MapReduce, Ambari, Yarn, etc.
- ♦ Attended TDWI conference in Las Vegas, NV early 2017. Learned new tools and concepts for handling Big data needs. Also, attended one day Hands on Hadoop lab at TDWI conference.
- ♦ Self-learning SAS, SPSS, R.
- ♦ Completed INS 21.

**Awards & Honors**

- ♦ Awarded with Most valuable player (MVP) award for the outstanding performance and exemplary work done in Commercial Connection (Velocity) program within Nationwide.
- ♦ Received multiple accolades from various business partners including AVP - Actuarial research, Directors & Managers from pricing & analytics.
- ♦ Requested to present the approach for building the Commercial data into EDW at the Teradata - Partners conference multiple times.
- ♦ Consistent top ratings in all the performance appraisal cycles for all 10 years of service at Nationwide.
- ♦ Honored with multiple BRAVOs from business, program managers, EDW lead architects, and infrastructure managers.
- ♦ Awarded with multiple "I Got Caught" appreciation awards for the tremendous work on the projects, production incidents & defects resolution.
- ♦ Conceptualized and designed multiple applications that resulted in improved business values.