# Michael Volynsky

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# Skills Summary

Over 16 years experience in Business Intelligence and Data Warehousing with extensive work focused on developing and supporting Pharmaceutical, Healthcare, Primary Research, Hospitality, Finance, Retail, Telecom, Insurance, Supply Chain and Sales and Marketing sectors.

Over 14 year of demonstrated excellence in the development, implementation and operational support of large scale business intelligence solutions using Microstrategy and other BI Tools.

Deep Business Intelligence experience: Architect, design and prototype solutions in Microstrategy 10, Tableau, Qlik and other reporting tools to support business strategies and to deliver business value utilizing agile mythologies.

Design, deliver and optimize Microstrategy application on multiple database platforms and in-depth knowledge of the latest Microstrategy versions 8x, 9x and 10x: Intelligence Server, Administrator, Architect, Desktop Designer, OLAP Services, MDX connector, Microstrategy Web/Mobile Administration, Security Administration, Object Manager, Integrity Manager, Report Services, Web/Mobile Documents, Visual Insights Dashboards, Transaction Services, Enterprise Manager, Mobile SDK, API URL, and Narrowcast Server.

Involved in Tuning of the Reports and Data Marts by using VLDB Properties and Intelligence

Server/Project Level Settings, DM Pre/Post SQL, Partition Tables, Indexes (Group and BIT Map), and aggregate tables to enhance performance of reports and cubes.

Involved in setting up the MicroStrategy environment in hosted Multi-tier and AWS Cloud environments.

Design project tables, schemas, Intelligence Server Definition, Creation of the Project Source and

projects and setting up Enterprise Manager for Statistical Reporting purposes.

Extensively worked on the Object Manager to copy the Objects between different environment and

Command Manager to create/delete/assign Users, Users Groups, and Security Filters. Experience in

trouble shooting of MicroStrategy metadata using Scan MD and used Integrity Manager for objects

migration validation.

Extensively worked in MicroStrategy Report Services, Documents and Visual Insight to design

Static/Interactive/Flash Dashboards/Widgets for amazing data visualizations.

Implemented and administered MicroStrategy Mobile applications for iPad Users.

Work as Project Lead/Sr. Architect/Developer/Administrator for multiple strategic accounts such as: Accenture LLP, Sprint, Subway, Otsuka Pharmaceuticals, Endo Pharmaceuticals, Sanofi Pasteur Pharmaceuticals, Auxilium Pharmaceuticals, RSI Inc., AmerisourceBergen, SymphonyHealth, ImpactRX, IMS Health, Hilton Worldwide, Guy Carpenter, Campbell Soup Inc. and others.

Work along with Microstrategy consulting services to provide technical presales support in the form of sales presentations, product positioning and product demonstrations

**Specialties:**

* Acting as an expert to advice Business/Executive teams in defining Reporting Layer Roadmap, Security guidelines and architecture for Complex enterprise reporting systems using Microstrategy, Tableau or Qlik
* Lead BI design and development activities, identify risks and recommend risk mitigation plans
* Supplying input for key design and architecture decisions to deliver high quality business intelligence solutions to customers
* Hands-on architecture, development, administrator and maintenance experience in MicroStrategy 10.6/7 relational and MDX connectors. Knowledge on enterprise portal and mobile integration
* Implemented OLAP Functions like ApplySimple, ApplyAgg and ApplyComparison for the complicated filters, attributes and metrics.
* Experience with MicroStrategy Mobile SDK, Web URL API, Air watch, Good Works, AWS Cloud services and Essabse/MDX platforms
* Hands on experience in Intelligent Cubes performance and dashboards implementations
* Develop reports and Dashboards to monitor BI applications providing insight on usage patterns and recommend application/system improvements
* Design and develop the schemas for MicroStrategy projects from start to finish with Web and Mobile dashboards as end product
* Define and develop implementation strategy for newly released features of Microstrategy tool and version upgrades
* Work with software vendors to open defects, log issues and seek resolutions and/or patches
* Recommend and establish governance and control around self-service BI analytics considering the evolution of BI industry best practices
* Handle MicroStrategy Administrator tasks: Object migration, User creation, LDAP, SSO, Security model and Security Filters

**MicroStrategy Certified Project Designer, Developer and Administrator (CPD, CRD, CPA)**

# Professional Experience

Sep 2017 – Present

Client:

American University

Location: Washington, DC

Sr. Microstrategy Consultant/Architect

**Responsibilities:**

* Help and lead American University reporting team build and implement their data strategy from ground up and provide strategic thinking, solutions and roadmaps with in MicroStrategy BI.
* Build and develop reporting solutions on MicroStrategy and provide primary project leadership for all data and analytics projects.
* Create, streamline, and maintain MicroStrategy BI; dashboards, documents, MSTR Schema creation, advanced reporting.
* Design and develop basic and advanced reports, conditional metrics, filters, custom groups, transformations, consolidations, cubes, data marts, and dynamic dashboards with a thorough knowledge base of schema and application object creation, maintenance, and architecture (attributes, facts, logical tables, hierarchies).
* Troubleshoot MicroStrategy reports and dashboards and performance-tune as needed via VLDB settings.
* Experience with designing and implementing application security at all levels within a project.
* Ability to contribute to proposals taking ownership of BI solutions.
* Application development through SDLC process via BI best practices.
* Collaborate with project teams on MSTR architecture design and decision-making.
* Translate highly complex concepts in ways that can be understood by a variety of audiences.
* Develop, maintain, and enforce MSTR standards and service models - standard reports and ad-hoc information delivery approaches.
* Customer-facing relationship for requirements gathering and architecting solutions for BI projects.
* Adopt and communicate new concepts, ideas, techniques and best practices including prototyping new architecture methods, tools and products that might provide future value to internal clients.

**Environment**: MicroStrategy 10.7, 2014 SQL server, Oracle

Jul 2016 – Sep 2017

Client:

Accenture LLP.

@ Sprint Inc.

@ Subway, Inc.

Location: Kansas City

Sr. Microstrategy Consultant/Architect

**Responsibilities:**

* Lead MicroStrategy 10.4 architecture and Data warehouse effort, responsible for understanding and implementing MicroStrategy initiative, assisting with software selection and governing process for the MicroStrategy platform
* Proficient in configuration of MicroStrategy Architecture, and project design from start to finish in AWS Cloud and hosted environments
* Work with Accenture teams (onshore and offshore) to ensure adoption of Microstrategy suit and its standards, functionality and best practices
* Heavy hands-on experience with projects setup, schema creation, development of objects and reports, Intelligence cubes design/performance, Web and Mobile dashboards and administration tasks: Integrity Manager, Object Manager, EM, Command Manager
* Develop Finance reports and dashboards using Essbase MDX connectors/cubes, dimensions and measures, create custom measures
* Design and implement various types of Web dashboards including Visual Insight using iCubes with big volume of data
* Analyze client’s data and environments and develop appropriate software configurations and VLDM settings to meet client’s requirements
* Implement Micro strategy security model to support various users accessing Microstrategy reporting system
* Manage and lead the release of the new reports through the QA and UAT cycles all the way to Production
* Manage data and users issues from end to end; DB and Microstrategy reporting schema

**Environment**: MicroStrategy 10.4, 2014 SQL server, Oracle, Teradata, MDX/Essbase, AWS

Jan 2016 – Jul 2016

Client:

Genpact Inc

Otsuka Pharmaceutical

Location: Princeton, NJ

Sr. Microstrategy Consultant/Architect

**Responsibilities:**

* Architect and design data model to support 1,000 + users across Company’s Enterprise and successfully deployed mobile and web dashboards
* Migrate reports, dashboards and queries from Tableau to Microstrategy reporting tool
* Implemente Mobile SDK customizations for Airwatch and Good Dynamics/Works deployment
* Design, create and deploy Microstrategy LDAP/Windows SSO security models for mobile and web dashboards for over 1,000 users using HTTPS protocols
* Consult client in Microstrategy best practices and performed data validations, optimizations of intelligence cubes for offline mobile reporting
* Interact with various business departments and various consulting firms, including ZS Associates, Accenture, HCL America and others to gather requirements and build model to support overall reporting structure
* Install and administer Microstrategy I-servers, Web and Mobile servers, consult on servers’ memory and CPU allocations, license keys and SSO/LDAP users access
* Hands on experience in performance tuning, servers’ administrations and security model best practices
* Designed and developed Transactional services (POC) based Dashboards.
* Served as Tech Lead/Architect for 4 MicroStrategy Developers and managed 75+ end users.
* Assisted the Developers and End users with MicroStrategy Desktop and web reports.
* Build schema and public objects to support reporting structure and performed incremental cubes loads
* Perform object migrations and Enterprise Manager set up and loads

Environment: MicroStrategy 10.2, 2014 SQL server, Teradata, SAP HANA, Tableau, Qlik

Jan 2013 – Jan 2016

Client:

Auxilium Pharmaceutical

Endo Pharmaceutical

Location: Malvern, PA

Sr. MicroStrategy Consultant/Architect

**Responsibilities:**

* Design and deploy Web and Mobile dashboards to Sales Force and business partners.
* Good knowledge in OLAP Systems Analysis. Knowledge of Star schema and Snowflake schema along with Dimensional Data Modeling.
* Support company’s external sales force users and Sales Ops/Marketing teams internally
* Involve in design of Windows servers for latest MicroStrategy deployment and perform MicroStrategy upgrades from versions 8 to 9 and 9 to 10
* Hands on experience in Ad hoc and complex reports in MicroStrategy using VLDB settings changes, OLAP functions, derive metrics, facts, attributes, hierarchies, aggregations, URL API, Web and Mobile dashboards, Microstrategy office
* Hands on experience in Administration tasks: I Server memory allocations, RAM sizes, In Memory Cubes RAM, Subscriptions, Cache creations, DB instances, delivery managers, schedules, transmitters, Object manager, Enterprise Manager and Command manager
* Expert in Security administration and Mobile configuration.
* Expert on delivering reports and BI solutions on Web, Visual Insights and Narrowcast Server.
* Extensively used different performance tuning methods like Caching, Aggregate tables, Intelligent Cubes and indexes.
* Managed and lead the release of the new reports through the QA and UAT cycles all the way to Production.

**Environment:** MicroStrategy 10, 9.5.1, 9.4.1, 9.3.0, 9.0.2, Red hat, Oracle 11g, SQL server

Jan 2012 – Dec 2012

Client:

RSI, Inc

Location: Miami, FL

Sr. MicroStrategy Consultant/Architect

**Responsibilities:**

* Create and manage application architecture blueprint for MicroStrategy BI platform.
* Support of the MicroStrategy environment to ensure high availability, resilience, integrity, security, and performance.
* Work with business stakeholders to gather requirements, create functional and technical design and implement reporting solutions using grid reports, dashboards and document services, visual insights, mobile and data mining services.
* Create MicroStrategy projects to support new BI initiatives by defining schema, setting up metadata and creating optimized reports.
* Tune MicroStrategy reports for best SQL performance to run efficiently and work with DBAs to optimize reports.
* Deploy and manage mobile dashboards on Ipad and Iphone.
* Implement comprehensive plan for distribution of reports via automation, scheduling and distribution services.
* Implement intelligent cubes and provide administration of the MicroStrategy environment.

**Environment:** Micro Strategy 9.2.1, Win 2003/2008, IBM Netezza 6.0, SQL server 2008

Mar 2011 – Jan 2012

Client:

Sanofi Pasteur Inc

Location: Mt. Pocono, PA

Sr. MicroStrategy Consultant/Architect/Developer

**Responsibilities:**

* Guide client in aspects of Micro Strategy schema work, security setup, Micro Strategy 9.2.1 upgrade, server administration, report building, advanced metric creations, facts, attributes, transformations, prompts, filters, hierarchies and dashboard development.
* Development/Deployment of flash dashboards, visualization and reports (Web and Mobile).
* Develop, maintain, and schedule intelligent cubes.
* Ability to interpret and affect MicroStrategy generated SQL through object modifications.
* Performance tuning through VLDB setting modifications at both the server and report levels.
* Review existing data model, and performance suggest enhancements to the schema for performance tuning reports and dashboards.
* Provide technical support, analyze issues, and recommend solutions regarding data load, transformation and reporting.
* Provide high-level training and mentoring to business areas on best practices in developing and deploying reporting tools for their departments.
* Assist in the design of databases and data marts to ensure interoperability with BI solutions.
* Design and deliver end-user training and training materials; provide BI technical support as necessary.
* Ensuring that deadlines are met including planning and working flexibly for accommodation of multiple deliverables.

**Environment:** Micro Strategy 9.0.2, 9.2.1, SAP HANA, Oracle 10g R3, SQL server 2003

Oct 2010 – Mar 2011

Client:

Hilton Worldwide

Microstrategy Inc

Location: McLean, VA

Sr. Microstrategy Consultant for MicroStrategy Inc.

**Responsibilities:**

* In the process of building Hilton Worldwide Data warehouse that will provide sales, room occupancy, average daily rates, financial, inventory and external Source data for Competitive analysis.
* Lead new MicroStrategy Version 9.01 installation and configuration, creating new projects, reports, and dashboards.
* Installed and configured MicroStrategy iServer in Development and Production.
* Deployed and configured MicroStrategy Web Server and MicroStrategy Office.
* Lead effort in designing new logical data Model and MicroStrategy physical schema.
* Performed object migration and use Integrity Manager to validate objects between projects.
* Guide client in aspects of MicroStrategy schema work, security setup, MicroStrategy upgrade planning, MicroStrategy server administration, report building, advanced metric creations, report services and dashboard development.
* Initiated MicroStrategy 9.0.1 to 9.0.2 upgrade planning and lead teams and customers in implementation of best Microstrategy practices.
* Performed information systems needs assessment, information gathering and make appropriate business systems and IT infrastructure recommendations.
* Perform data modeling, application development, technical product assistance and tuning(VLDB) to meet customer performance and functional requirements.
* Perform MicroStrategy Administrative tasks, governing, tweak settings on I server for optimal
* Intelligent Cubes implementation and with successful increase in performance on reports and dashboards’ executions.
* Project Life-Cycle implementation using Object Manager, Integrity Manager and Command Manager.

**Environment:** MicroStrategy 9.0.1, Qlik, Windows 2003, Red Hat Enterprise Linux ,Oracle11g

Aug 2010 – Dec 2010

Client:

Campbell Soup Company

Location: Camden, NJ

Sr. Microstrategy Consultant for MicroStrategy Inc.

Campbell Soup Company is a global manufacturer and marketer of high-quality foods and simple meals, including soup, baked snacks, and healthy beverages. Founded in 1869, the company has a portfolio of market-leading brands, including “Campbell’s,” “Pepperidge Farm,” “Arnott’s,” and “V8.”

**Responsibilities:**

* Provide consulting support to achieve account objectives and production success; Microstrategy installation and implementation, product enhancement and integration.
* Perform Data Warehouse assessment, information gathering, and recommend appropriate business systems, hardware and IT infrastructure for MicroStrategy users.
* Document and analyze existing hardware and software configuration, usage and growth projections.
* Analyze Data Warehouse Architecture, logical and physical data models for various subject areas and provide recommendations.
* Identify opportunities to use new functionality in V9; In-Memory Cubes, Report Based Cubes, SQL Optimization, VLDB Settings.
* Perform full upgrade from version 8.1.2 to 9.0.1 on Windows 64 bit Servers.
* Analyze security requirements and security design and come-up with recommendations.
* Build a detailed, sequenced plan for all technical tasks to upgrade to MicroStrategy V9 – Intel/Windows tasks, MicroStrategy V9 tasks, customization changes, security changes, VLDB settings, ODBC configurations, Database configurations, scripts, etc.

**Environment:** MicroStrategy 8.1.2, 9.0.1, Windows 2003, Oracle 10g, 11g

Symphony Health, Inc. Apr 2005 – Aug 2010

**Location: Horsham, PA**

Lead BI Specialist- Symphony Health/ImpactRX Inc. has the largest promotion research database providing timely, accurate, and sensitive information on the link between promotion and physician prescribing decisions. It is the only provider of timely, accurate, and sensitive promotion research that directly links pharmaceutical promotion to physician prescribing decisions. Clients nationwide include: Pfizer, Sanofi-Aventis, Merck, AZ, J&J, GSK, Novartis, Lilly, Wyeth and many more.

**Responsibilities:**

* As a lead member of the Business Intelligence team, provide MicroStrategy administration and implementation support to both a development environment and a production hosted environment (Windows, Unix and SQL Server) with customers nationwide
* Successfully performed MicroStrategy Upgrade from 9.0.0 to 9.3.1 and 9.3.1 to 9.4.1.
* Provide production support for all of MicroStrategy components: Reports/Dashboards, Objects, Administration, Security, Narrowcast, Adhocs, data issues, architecture, SQL/VLDB Settings, performance tuning, etc..
* Expertise in building business intelligence MicroStrategy solution including dashboards, score cards, and analysis reports with drill up, drill down, slice and dice, sorting and ranking functionalities using MicroStrategy, and other standard BI platforms.
* Conduct research and make recommendations on BI/DSS products, data warehousing products, services, protocols, and standards in support of market research and development efforts.
* Design and deliver end-user training and training materials; provide BI technical support as necessary.
* Ownership of project schemas and all aspects of MicroStrategy 8.0.3 Administration functions for projects, servers, user & security administration
* Good working knowledge and experience with logical and physical database design principles
* Experience implementing R-packages with in Microstrategy reporting tool
* Familiarity with MicroStrategy 8.1.1 Dynamic dashboards and advanced features such as FLASH
* Assisted the Sales team in closing business in areas of building Business Intelligence Applications
* Administration, upgrade and support MicroStrategy Web, Office, and Intelligence Server and Narrowcast environments
* Build ad-hoc reports in support of Account Services, Business Development, and Marketing Research

**Environment:** MicroStrategy 9.3.1, 9.0, Win 2003/2008, SQL Server 2008/10

AmerisourceBergen Corporation Mar 2001 – Apr 2005

L**ocation: Wayne, PA**

Data warehouse Project Leader/Specialist- AmerisourceBergen is one of the nation’s leading wholesale distributors of Pharmaceuticals and related healthcare products and services. It is a Fortune 50 Company with more than thirty six billion dollars in revenue and publicly traded on the New York Stock Exchange (ABC).

**Responsibilities:**

* Reach out to executives in segment management, program management to identify opportunities where data/analysis may be leveraged in order to size and segment markets and support other marketing and sales initiatives
* Provide Sales Management with support with collecting and analyzing complex sales information, sales force performance, and performance evaluation efforts
* Responsible for assisting the VP of Finance and Company Controller on all special projects and reporting
* Maintain thorough knowledge of business operations, strategies, information requirements and priorities
* Maintain close relationship with business users and provide liaison between user and development communities
* Drive initial business needs analysis, and formulate approaches that achieve desired business objectives, including defining systems scope and objectives and assisting with software selection and business case justification
* Build standard and custom reports using Microstrategy 7.5.1 (including report production and enhancement)
* Design a multi-level security system in Microstrategy 7.5.1
* Conduct training for 350+ Sales Force users within the Microstrategy Enterprise
* Work with business partners in different business units and to develop marketing, operating, and finance reports
* Coordinate team members to interpret data sets and provide data expertise to Marketing and sales
* Provide technical support for Showcase Essbase and Data Warehouse including analysis, development, maintenance and assist in the review of reporting data models, schema design, and overall reporting data design
* Provide training to field sales and other organizations on reports, querying/reporting applications and design and generate ad hoc marketing/program reports/analyses

**Environment:** MicroStrategy 7.5.1, Narrowcast Server, AS/400, DB2, Essbase

# Education / Technical Training / Certifications

**Education:**

* Microstrategy Certified Project Designer, Developer, Administrator
* Web Development Diploma (2000) – DPT Business School
* BS, Business/Finance (1998) – Temple University

**Technical Training:**

* Kimball Group- Microsoft SQL 2007 Data Warehouse in Depth (2007)
* MicroStrategy- Microstrategy 8.1.2 Dashboards (2007)
* MicroStrategy- MSTR 7i: Certified Administrator (2003)
* MicroStrategy- MSTR 7i: Certified Project Designer (2002)
* MicroStrategy- MSTR 7i: Certified Report Developer (2002)
* SAS Institute- SAS Macro Language (2000)
* SAS Institute- SAS/AF Software: Application Development 2 (2000)
* SAS Institute- Advanced SAS Programming (1999)
* SAS Institute- SAS/AF Software: Application Development 1 (1999)

**Certifications:**

* Microstrategy Certified Business Intelligence Consultant , certified Project Designer, certified Report Developer, certified Administrator.
* Certification in ShowCase Strategy 4.0 Query /Report Writer
* Certification in Advanced SAS and SAS/Macro Programming
* Certification in SAS/AF/SCL Software 1 and 2;