

PROFILE

BI Lead/Developer continually demonstrates exceptional problem solving and analytic skills, sourcing and preparing data, to analytic modeling with data, interpreting results, and delivering insights to business with proven ability to build strong relationships with clients. Worked in Power BI & Cognos 10.2.x/11.x environments.

WORK EXPERIENCE / ACHIEVEMENTS

Cognos/Power BI Lead/Developer

11/2019 – As of now

The Modern Haus, Naperville, Illinois

➤ Marketing Visualization

- Work with Product Owner as a developer actively participated in architecture, design, development of BI Dashboards in Power BI & in Cognos 11.1.x
- Complete Data Analysis, Data Mapping, Data transformation with SQL Database, Data warehousing.
- Azure deployments for sharing of reports and collaboration.

Cognos Lead/Developer

10/2014 – 10/2019

East Lansing, MI Michigan State University

During the project assignments with Michigan State University, I was working with DBA's, Business Analysts, Product Owner Project Manager and other team members/developers for Project accomplishment.

➤ BUDGET & FINANCE

- Utilized Cognos tools and latest insights, with latest features of Data modules.
- Work with Product Owner as an IT team Lead, actively participated in architecture, design, development of BI report's, dashboards & visualization out of financial data to provide, business insight to financial executives.
- The project is built with hybrid functionality of Cognos 11.x and Power BI.
- Delivered Financial Ratios Dashboard, Key Finance Reports, interactive Financial Dashboards, Time line actual & Budget Financial Metrics with KPI's. Budget & Forecast. Provided integration with Cognos Financial Planning.
- The project is built with hybrid functionality of Cognos 11.x and Power BI.

➤ MSU HEALTHCARE ANALYTICS

- Delivered analytics for management insights, Billing Summary, Charge Payment Triangle. Revenue Cycle Key Indicator Dashboards Efficiently utilization of data modules. Effectively developed navigational panels, with HTML Tags, Drill down and drill through reports with Advanced Insights of Cognos 11.x.

➤ Evaluation & Exploration of Kalido Modelling Tool

- Worked with end users, business analysts, technical architects for evaluation & exploration in Kalido business-model-driven for delivering better data which leads to better decision making through automation in data warehousing and master data management. As well to evaluate the model-driven automation that Kalido is based to let customers, user realize business value.

➤ HR – REPORTS

- Provided Business Intelligence solutions with KPI's for Human Resources, played an important role in helping the HR professionals to establish and monitor objective metrics and measures to analyze overall, team and individual performance. The human resources professional acquired intelligent business insight, predict changes at operational and strategic levels. Employee Retention Analytics & HR Ratios Dashboard Home. This project was developed in Cognos 11.x

➤ COMPLIANCE REPORTS

- MSU Information Security department works to advise the university on risks to Information Systems, respond to incidents, and take proactive measures to ensure compliance and security throughout the university.
- Daily IP Based Compliance Validation Report, Suspicious Activity flow Report.

➤ **IPF – PROJECT REPORTS**

- Cash flow Report, Infrastructure Report, BOT Authorize to Plan Capital Projects Over \$1 Million, BOT Authorize to Proceed Capital Projects Over \$1 Million – New Report.

➤ **RESEARCH ADMINISTRATION**

- Awards Distribution Summary, Award History Per PI Report, Weighted by PI Lead Unit Report, Upcoming Grants for Board Approval Report.

Cognos Lead/Developer

02/2014 – 09/2014

Madison WI, Alliant Energy

➤ **Customer Care & Billing**

- Responsible for gathering requirements, developing, testing and documenting several reports, and ad-hoc reporting packages, against a newly installed Oracle Customer Care and Billing (CCB) application.
- Financials reports/Queries for billing, payments & adjustments.

Cognos Lead/Developer

09/2012 – 01/2014

East Lansing, MI Michigan State University

➤ **Academic Profile**

- BI Lead and responsible for developing reports and visualization required for. Michigan State University's Academic Profile (AP). The data are used to support activities such as annual review; institutional reporting; and reappointment, promotion, and tenure.

Cognos Lead/Developer

02/2012 – 08/2012

Pleasanton, CA EMC2

➤ **Customer Care Service/Engineering**

- Working as BI-Cognos Lead to upgrade Cognos Environment from Cognos 8.3 to 10.1.1. Development of new Cognos BI Application for defect analysis for engineering group, and re-engineering of existing Cognos Business applications from relational reporting to multi-dimensional Cube Reporting which includes metadata **Informatica** is the main data warehousing in this project.

Cognos Lead/Developer

10/2006 – 11/2011

Springfield, IL HD. Smith Pharmaceutical

- Worked at HD Smith as a **BI Cognos Lead**, supervised the BI division for HD Smith.
- Actively participated in installation/Administration of Cognos as the BI tool of the company for providing enhanced Data Analytics in sales & distribution, also provide BI solutions to several major business units of the company. Agile development methodology was adopted for Architecture, Design and Development of BI Projects.
- Sale Analysis Power cubes were created for advance reporting and dashboards on daily basis. These cubes are time-variant. The Profit Cubes were executed on monthly basis. Several Reports were built using Sale Analysis and Profit Cubes, Business Line of Profitability, Company Profitability, Customer Commitment & Performance.

Software Architect/Lead

10/2001 – 09/2006

AON, North Chicago

- Prior programming experience was on System AS/400 (RPG ILE & Cobol), C++.

TECHNICAL SKILLS

BI Tools: Cognos 8.x/10.x/11.x BI(Report Studio, Query Studio, Analysis Studio, Go dashboard, Transformer, Framework Manager, Data Manager) , **Power BI:** DAX, & Azure, SQL SSIS, SSAS, Java scripts, SDK.,

ETL Tools: **Informatica**, Cognos Data Manager, SQL Server (SSIS, & SSAS), Pentaho, Oracle.

Operating Systems: Windows, UNIX, Linux I-series, VMware 7.0

Languages: DAX, MDX, .Net, Java Script

Databases: ORACLE (10g/11g/12C/19C), DB2, SQL Server, and MS-Access.

Database Tools: Microsoft SQL Server Management Studio, Visual Studio, Toad, Visual Studio.

Other Tools: Agile Development for BI, Share Point

Cognos Education: Attended classroom courses from IBM Cognos USA
Data Manager, Framework Modelling, Transformer, MDX queries, Author Professional Reports Advance

Power BI: Courses from Intellipat

Courses: Project Management, Java

Business Domain: Health Care Insurance, HIPAA, Financial Services, Warehouse/Transportation, Supply Chain Management, Purchasing and Inventory.

Education: Bachelor of Science in Physics.

Additional Interest: Working with Deep Learning, AI & Robotics.

Status: US Citizen