Vinay P Ambalihalli

BI & DW Architect

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Summary

   IT Professional, specialized in business intelligence, CRM, data warehouse, enterprise solution architecture and digital transformation. Expertise in delivering BI and DW solutions, requirements analysis, design and project implementation in Agile and DevOps Methodologies. Good at analytics and aptitude, ability to adapt and work efficiently as a cross-functional lead and as an individual contributor.

Core Competencies

- Business Intelligence
- Enterprise Data Warehouse
- Data Visualization
- Statistical Analysis
- Data Modeling

- ETL/Data Pipeline
- Data Analysis
- CRM Application
- Automation Scripting
- Systems Integration

- DevOps
- Cloud Services
- Quality Assurance
- Project Management
- Process Improvements

Work experience

APR 2017 - PRESENT

Sr. BI & DW Engineer

Kaiser Permanente

Identifying opportunities in Care Delivery BIO. Design, develop and implement business intelligence, data integration and CRM solutions to improve and reduce the cost of operations. Collaborate with business stake holders in pharmacy and IT operational team for project delivery.

- Data integration solution using Enterprise ETL Tools - Informatica and Oracle PL/SQL for pharmacy GL. DevOps solutions using Python for Business Teams.
- Building operational and interactive reports for pharmacy, care delivery business and KP International.
- Automation of dynamic report generation using PL/SQL, shell scripts and custom report delivery using Tableau rest API.
- Designed and built CRM forms on oracle apex for program management to the new engagement. Understand, designed back-end transaction data model and reporting solution.
- Built python data pipelines to bring data from Cloudera landing zone to MySQL.
- Implemented python airflow and migrated cron jobs to airflow for ease of maintenance.
- setup intranet portal on Apache server, integrated Tableau report for real time data refresh.
- Build SharePoint cloud site and KP Wiki page for data warehouse team to manage work intake and share/integrated reports. Project tracking, code management and SOX compliance reporting using DevOps Tools.

Skills Stack: Informatica, Tableau, OBIEE, Oracle Apex, Oracle, MySQL, SAP BO, Linux, Cloud Services, JIRA, Git SCM, PLSQL, Shell, SoapUI, Apache Webserver and Python Airflow

NOV 2016 - FEB 2017

Sr. BI & DW Architect - Consultant

Trane - La Crosse, WI

Worked on project implementation road map with proven solution to migrate legacy reports and database to standard Enterprise BI and data warehouse.

- Evaluated and documented the legacy report design, i.e., the object and data level security and the report integration with internal applications.
- Identified critical and unique report with respect to functionality and technical complexity for prototyping to new BI Platform.
- Built a sandbox server to host OBIEE and Tableau servers on RHEL / Azure platform.
- Designed similar interface as legacy application, with added functionality on new BI

platform. by creating a new interactive Home page. Demonstrate report drill-down, guided navigation, selection steps, agents, security and burst reports.

- Collaborate with System admin/ IT Team and created project sprint plans for migrating to the new Data Lake, EDW solution and BI platforms.

Skills Stack: Tableau, OBIEE, BI Publisher, BIRT Actuate, PL/SQL, Cloudera, Oracle, AWS and SoapUI

SEP 2005 - PRESENT	**Sr. Architect - BI Technology**

Cognizant Technology Solutions, US

Delivered multiple business intelligence and data warehouse development, enhancement and upgrade projects for various customers like BELK, TIAA, Cbeyond, Wells Fargo and Franklin Templeton. Lead and mentor Onshore and Offshore teams.

- Collaborated with business teams to create user stories, functional document and technical documents.
- Architect data models for enterprise OLAP Data Warehouse.
- Developed operational reports on Oracle RMS and Oracle ERP Financials.
- BI Application integration with SharePoint, CRM Apps and Web portals. Leveraged Application API (WSDL) and SoapUI scripts for the interfaces.
- Work on designing ETL data pipelines and enhance Enterprise data warehouse.
- Customized OBI Financial (GL,FA,AP, PA etc.) and HR Analytics application to cater the business needs.
- OBIA Type 1, Type 2 and Type 3 customization in Informatica and OBIEE out of the box solution for Finance and HR modules.
- Data modeling, defined facts and dimensions, designed dimensional hierarchy, level based measures and aggregate views.
- Administered BI Services, horizontally scaled out bi server components. OBIEE and BI Publisher server upgrade. Install binaries for Oracle bi and patching. BI application integration with SharePoint site and enabled site root certificate and SSO configuration using Kerberos / SAML 2.0 based network authentication.
- Research and tune application performance issues and defects. Remediate product bugs working with product Vendors like Oracle and Tableau support .

Skills Stack: Tableau, OBIEE / Siebel Analytics, OBIA, BI Publisher, Informatica, OC4J, Weblogic, Siebel CRM Finance, Oracle Finance, HR Analytics, Oracle, Teradata, PL/SQL, Oracle RMS, CS SCM, SAML 2.0, Karberos ,WSDL, SoaPUI and Shell Scripting

Technological Proficiency

- **Business Intelligence** : Tableau, OBIEE, BI Publisher, OBIA and DOMO
- **Data Integration** : Informatica, PL/SQL, SQL loader, Python
- **Programming** : SQL, PL/SQL, Python, Shell, R, JavaScript and HTML
- **IDE:** Visual Studio Code, PyCharm, Jupyter Notebook, R Studio, SQL Developer, TOAD and Notepad ++
- **Data Modeler** : ERwin Data Modeler, ER Studio and Microsoft Visio for Logical Modeling
- **Database** : Oracle, Teradata, SQL Server, MySQL, Cloudera Hive/Impala, Amazon RedShift, MongoDB (NOSQL)and XML
- **DevOps Tools** : JIRA, Confluence, CA SCM, Git, MS SharePoint, Visual Source Safe, HPQC
- **Platform** : Windows Server 2012 R, Red Hat Enterprise Linux, IBM AIX ,UNIX, Azure and AWS Cloud Servers

Professional Certifications

- Oracle Certification - Siebel Analytics 7.7 (OBIEE) Certified Server Architect
- Oracle Certification - Siebel Analytics 7.7 (OBIEE) Certified Application Developer

Text section

Bachelor of Engineering | BVB College of Engineering & Technology | 2001 - 2005

Specialized Subjects: Relational Database Management System (RDBMS), Object Oriented Programming, Operating System, Computer Communication Network, Engineering Mathematics and Communication Systems.