Vinay Ambalihalli

Sr. BI DW Architect

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 vinay-dwbi.github.io   in linkedin.com/in/vinayambalihalli

Summary

IT Architect, specializing in Analytics, CRM, Data Warehouse, Enterprise Solution Architecture and Digital Transformation. Expertise in delivering Business Intelligence and DW Solutions. Requirements analysis, designing and Implementing applications in Agile and DevOps Methodologies . Adept at working effectively to achieve organizational goal as a cross-functional team lead and 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

Professional Experience

APR 2017 - PRESENT

Sr. BI & DW Engineer
Kaiser Permanente

Identify potential leads across Pharmacy Care Delivery and provide BI / DW / CRM automation solutions to reduce the cost of business operations. Collaborate with various stake holders in Pharmacy IT Operations, lead BI & DW projects and mentor Onshore and Offshore teams.

- Designed and developed operational and interactive reports for Pharmacy Care Delivery, care delivery business executives and KP International.
- Automated custom report delivery using shell scripts, PL/SQL and rest API.
- Developed data pipelines using Enterprise ETL Tools, PLSQL and Python.
- Built CRM form based application and Email delivery services.
- Hosted intranet portal (Apache server/ jQuery and Python Django libraries) and SharePoint Cloud site for Data Warehouse team to manage new work intake and collaborate information across IT/ Business teams.
- Managed content for Care Delivery artifacts and project content management.
- 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, Python and HTML Scripts

NOV 2016 - FEB 2017

Sr. BI & DW Engineer
Trane

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, PLSQL, BIRT Actuate, Cloudera HIVE, Oracle , Cloud Server and SoapUI

SEP 2005 - CURRENT	**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.

- 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, Oracle BI Enterprise Edition, BI Publisher, SAP Business Objects, Microsoft Power BI
- **Data Integration** : Informatica, PL/SQL, SQL loader
- **Programming** : SQL, PL/SQL, JavaScript, HTML, Shell, R and Python
- **IDE**: Visual Studio Code, PyCharm, Jupyter Notebook and 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 Database, Hive , Amazon RedShift and XML data files
- **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 Certification

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

Education

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.