**Arun**

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## Professional Summary

* Having **6+ years** of development and administration experience in Business Intelligence tool **Tableau**.
* Good knowledge in **Data Warehousing** concepts and **Dimensional Modeling** Schemas like **Star Schema** and **Snow flake Schema.**
* Flexible with **dashboard**, **storyboard** design to make analysis easy for clients.
* Having good knowledge on **data blending**, **joins**, **cross database joins** and **union**.
* Expertise in creating **sets, bins, parameters, hierarchies, cascading filters, custom geocoding, animation charts, image processing, score cards, KPI, forecasting, regular expressions(RegEX), calculations and filters**.
* Worked with table calculation, **YTD, LOD, actions**, out of box charts like **donut chart, waterfall chart, heat map**, and worked with **spatial map** using **kmi, esri files**.
* Experience in importing data from **WebDataConnector(WDC)** and **Extension API,** various files like **Text, CSV, MS-Excel, JSON** and databases like **Oracle** and **SQL Server**.
* Having experience on **users and groups creation**, **site roles, performance, TABCMD, TABADMIN** in **Tableau Server**.
* **Scheduling tasks** to make refresh automatic and providing **data security** using **user filters** in **Tableau Desktop** and **Tableau Server**.
* Good knowledge on **unit testing** of **functions, design, data validation, performance**.
* **Major and minor upgradation, downgrading and migration**.
* Good understanding of **SDLC** and **Azile methodology**.
* Writing **SQL queries** for **data validation** and have knowledge on **integration of Python with Tableau,** embedding data into webportal using **javascript API**.

## Experience Summary

* Working as a Tableau Developer for **Nisos Technologies**, **Mumbai** from May 2019 to till date.
* Worked as a BI Consultant for **VIL, Mumbai** from Oct 2018 to Apr 2019.
* Worked as a Software Engineer for **TEKsystems, Hyderabad** from Feb2017 to Aug 2018.
* Worked as a Software Engineer for **Global Data Services, Hyderabad** from Aug 2014 to Jan 2017.

## Technical Skills

**BI Tool** : Tableau desktop 8.X, 9.X, 10.X, 2018.1, 2020.2

 Tableau Server 10.3, Tableau Online 2020.2, QuickSight

**ETL Tool** : IBM DataStage 8.5

**Operating System** : Windows XP/7/8/10

**Databases** : Oracle 10/11g, Microsoft SQL Server, IBM DB2

**Languages**  : SQL, C, Java

**Database Tools** : SQL Developer, SSMS, Toad

 **Testing tool** : BI Validator

## Projects

**Project #1**

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| --- | --- | --- |
| **Client****Environment** | :: | **John & Omar****Tableau Desktop2020.1, Tableau Online 2020.1,MySQL, MVC, DevExpress, Windows 10** |
| **Project Details** | : | Artfacts is an invaluable resource for researching the art market. Artfacts provide collectors, artists, gallerists and educators with insights, trends and clear analysis of the ever changing art world landscape. Quality and accuracy are essential for the users of the Artfacts data.**ArtFacts.Net** is the world's largest art database on the [Internet](https://translate.googleusercontent.com/translate_c?depth=1&hl=en&prev=search&pto=aue&rurl=translate.google.com&sl=de&sp=nmt4&u=https://de.m.wikipedia.org/wiki/Internet&usg=ALkJrhgH70CHaGVlZMc6A9eJBBB410Wupg) , [[1]](https://translate.googleusercontent.com/translate_c?depth=1&hl=en&prev=search&pto=aue&rurl=translate.google.com&sl=de&sp=nmt4&u=https://de.m.wikipedia.org/wiki/ArtFacts.Net&usg=ALkJrhh72AoYUdphbO1ObsJTOwnXfysspA#cite_note-1) which was founded in 2001 by Stine Albertsen and MarekClaassen. The company is registered as a Limited Company (Ltd.) in the UK. ArtFacts has collected, archived, published and analyzed data on the art market worldwide, for example in the so-called *artist ranking* .Artprice now claims to be the world leading online art price database, with more than 27 million entries commented by its art historians, covering as much as 500 000 artists.*Artprice Images* allows unlimited access to the one of the most important worldwide collection of artworks, counting over 108 million images constantly updated from various auction houses. The company continuously publishes trends in relation to the art market for major art agencies as well as 6300 newspapers worldwide through its press agency, *Art Market Insight*.Artprice now counts over 2 million registered users and is traded on [NYSE Euronext](https://en.wikipedia.org/wiki/NYSE_Euronext). |
| **Role**  | : | **Tableau Developer** |
| **Responsibility** | : | * Add users and providing site roles for users. Create/manage groups, workbooks and projects, database views, Data sources and Data connections.
* Examining glitches in business processes and resolve them, Build reports based on requirement, Integrate tableau with MVC , embedding reports in MVC, using dynamic sql query in tableau to give better performance, creating views for different datasoures in mysql DB.
* Reading JSON data using webdataconnector (WDC), Loading images dynamically using Extension API, Passing parameters to Custom SQL query in tableau .
* Creating custom color palette for formatting, passing parameters in embedded code to refresh the visualization before loading, changing the visualizations dynamically using parameter, using cross database joins to get the data from different data sources,
* Add/edit sites and corresponding administration rights. Create/manage/modify the scheduled tasks. Monitor server activity/usage statistics to identify possible performance issues/enhancements.
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| **Project duration** |  | May 2019 – Jun 2020 |

**Project #2**

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| **Client****Environment** | :: | **VIL****Tableau server 10.3, Tableau Desktop 10.3, IBM DB2, Windows Server 2012** |
| **Project Details** | : | Vodafone Idea Limited is India's largest telecom operator with its headquarter based in Mumbai, Maharashtra. Vodafone Idea is a pan-India integrated GSM operator offering 2G, 3G and 4G mobile services under two brands named Vodafone and Idea.Vodafone Idea also provides services including Mobile payments, IoT, advanced enterprise offerings and entertainment, accessible via both digital channels as well as on-ground touch points, centers across the country. The company's vision is to create world class digital experiences to connect and inspire every Indian to build a better tomorrow.As of December 2018, Vodafone Idea has 35.61% market share in India with 418.745 million subscribers, making it the [largest mobile telecommunications network in India](https://en.wikipedia.org/wiki/List_of_telecom_companies_in_India) and [second largest mobile telecommunications network in the world](https://en.wikipedia.org/wiki/List_of_mobile_network_operators). Vodafone Idea has a broadband network of 340,000 sites, distribution reach of 1.7 million retail outlets. |
| **Role**  | : | **Tableau Server Admin** |
| **Responsibility** | : | * Add users and providing site roles for users. Create/manage groups, workbooks and projects, database views, Data sources and Data connections.
* Add/edit sites and corresponding administration rights. Create/manage/modify the scheduled tasks. Monitor server activity/usage statistics to identify possible performance issues/enhancements.
* Upgrade server software. Enforce policies: assist users with workflows. Working with program manager as necessary regarding issues as server down-time, versioning. Provide tableau support to users
* Set up documentation for policies and procedures for administering the servers, licensing. Creating logs and temporary files. Report publication from QA to PROD
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| **Project duration** |  | Oct 2018- Apr 2019 |

Project #3

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| **Client****Environment** | :: | **Blue cross and Blue shield of Alabama****Tableau 10.2, CSVfile, SQL Server 2000, SSMS, BI Validator, Windows 7**  |
| **Project Details** | : | **Blue Cross and Blue Shield of Alabama** (BCBSAL) is a [nonprofit healthinsurance](https://en.wikipedia.org/wiki/Health_insurance) company headquartered in [Birmingham](https://en.wikipedia.org/wiki/Birmingham%2C_Alabama), Alabama. The company was founded in 1936, provides coverage to more than 3 million people and is a member of the [Blue Cross and Blue Shield Association](https://en.wikipedia.org/wiki/Blue_Cross_and_Blue_Shield_Association) (BCBS). BCBSAL employs nearly 4,000 people, which includes almost 3,000 people at its corporate headquarters in Birmingham. The company also operates Cahaba Government Benefit Administrators and Cahaba Safeguard Administrators, both headquartered in Birmingham. It commands over 90 percent of the health insurance market in Alabama, a state with half a million uninsured people, one of the highest uninsured rates in the nation at 10 percent of the population. |
| **Role**  | : | **Tableau Developer** |
| **Responsibility** | : | * Involved in reviewing requirements and data sources form MS Excel and MS Access for design, development, testing, and production rollover of reporting and analysis projects within Tableau Desktop.
* Used Tableau Desktop for blending databases and creating different interactive views and dashboards.
* Created extract files for improving the performance. Used different Mark types and Mark properties in views to provide better insights into large data sets. Created various types of charts to provide better visualization.
* Using Tableau Desktop created Interactive reporting dashboards by combining multiple views.
* Involved in troubleshooting and performance tuning of reports and resolving issues within Tableau Server and Reports.
* Review Vendors Status Reports with Project Team and created visualization for budget forecasting.
* Responsible for RFP (Requests for Proposals) data visualization creation in Tableau Desktop.
* Published views and dashboards in Tableau Server for auditor review. Performed data analysis on daily, weekly, and monthly scheduled refresh of data based on that business or system change that have happened to ensure that the developed dashboards are displaying accurate and up-to-date live data and sent those into production after editing.
* Participated in weekly meetings, reviews, and user group meeting as well as communicating with stakeholders and business groups.
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| **Project duration** |  | Feb 2017- Aug 2018 |

Project #4

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| **Client** **Environment**  | :: | **Intermountain Healthcare****Tableau 9.2, MS-Excel, SQL Server 2000, SSMS, BI Validator, Windows 7** |
| **Project Details** | : | **Intermountain Healthcare** is a [not-for-profit](https://en.wikipedia.org/wiki/Non-profit_organization) [healthcare](https://en.wikipedia.org/wiki/Health_care) system and is the largest healthcare provider in the [Intermountain West](https://en.wikipedia.org/wiki/Intermountain_West). Intermountain Healthcare provides hospital and other medical services in [Utah](https://en.wikipedia.org/wiki/Utah) and [Idaho](https://en.wikipedia.org/wiki/Idaho) and also offers [integrated managed care](https://en.wikipedia.org/wiki/Integrated_managed_care)under the insurance brand **SelectHealth**. Intermountain Healthcare is headquartered in [Salt Lake City](https://en.wikipedia.org/wiki/Salt_Lake_City), [Utah](https://en.wikipedia.org/wiki/Utah), and has some 37,000 employees. Intermountain Healthcare operates 22 hospitals in Utah and Idaho. Intermountain also operates 185 clinics, and urgent care facilities that are run by physicians as part of the Intermountain Medical Group. In total, Intermountain Healthcare operates over 160 healthcare facilities, employs about 1,400 of Utah's 5,000 physicians and provides insurance to about 22 percent of Utah. It is also the largest private employer in Utah. |
| **Role**  | : | **Tableau Developer** |
| **Responsibility** | : | * Utilizing capabilities of Tableau such as Data extracts, Data blending, Forecasting, Dashboard actions and Table calculations.
* Designing dashboard templates as per the requirement & dashboards content which includes complex tabular reports, bar charts, score cards, Gantt charts, and Bubble charts.
* Created Filters, Groups, Sets on Tableau Reports.
* Implemented data blending advanced visualizations in Tableau.
* Worked on Dual Axes, Individual Axes, and Blended Axes concepts while working with reports.
* Generated Dashboard with Quick Filters, Parameters and Sets.
* Recommending optimized design and chart for specific requirement.
* Developing custom SQL and data blends as per requirement.
* Developing report level logic as per the requirement and DB constraints.
* Generated Tableau dashboards with combination charts for clear understanding.
* Handling the performance tuning of reports to reduce refresh time.
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| **Project duration** |  | Aug 2015- Jan 2017 |

Project #5

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| **Client****Environment** | :: | **Hello Fresh****Tableau 8.2, MS-Excel, Oracle 11g, SQL Developer, BI Validator, Windows 7** |
| **Project Details** | : | HelloFresh was founded in November 2011 by Dominik Richter, Thomas Griesel, and Jessica Nilsson in [Berlin, Germany](https://en.wikipedia.org/wiki/Berlin). HelloFresh's business model is to prepare the ingredients needed for a meal, and then deliver them to customers, who must then actually cook the meal, which takes around 30-40 minutes. It generally provides about three two-person meals a week for about $60 to $70.It offers a choice from about 15 recipes.In the United States, HelloFresh offers a wine-subscription service, based on that of its competitor Blue Apron.In several markets, it provides "Rapid Box" meals which take only 20 minutes to prepare. The company's US operations were responsible for 60% of revenues as of November 2017, and it has approximately 44% of the American market. |
| **Role**  | : | **Tableau Developer** |
| **Responsibility** | : | * Studied and analyzed similar applications and brainstormed with business team to gather effective requirements for the system along with dashboard development.
* Created numerous dashboards in Tableau Desktop based on the data collected and blending data from MS Excel and CSV files along with SQL Server Databases.
* Complied interactive dashboards in Tableau Desktop and published them to Tableau Server which allowed story telling with Quick Filters for on demand needed information with just a click of a button.
* Developed and reviewed SQL queries with use of joins clauses (inner, left, right) in Tableau Desktop to validate static and dynamic data for data validation.
* Performed data analysis on daily, weekly, and monthly scheduled refresh of data based on that business or system change that have happened to ensure that the developed dashboards are displaying accurate and up-to-date live data and sent those into production after editing.
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| **Project duration** |  | Aug 2014- Jul 2015 |

## Educational Qualification

* **M.Tech**from **Jawaharlal Nehru Technological University, Hyderabad.**