# Arun kumar Jegarkal

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**Summary:** Developer with 3 years of extensive experience in Data warehouse and ETL technologies; worked for various clients and projects in every phase of Software Development Life Cycle, from business requirement gathering to project delivery. Excellent design and integration problem solving skills.

**Texas Tech University,** *Master of Science, Computer Science* **GPA: 3.4/4.0**                    **Lubbock, TX**

**Graduation: May 2018**

**Visweswaraya Technological University,** *Bachelor's in Computer Science* **GPA: 3.6/4.0**       **Bangalore, India**

**Graduation: June 2014**

## Projects

- **National Eligibility Database (NEDB Carrier Loads) –** Insurance domain project for the client HMS (Healthcare Management System). We received files on timely bases from Commercial Insurance carriers, third party, Pharmacy Benefit Managers, Government Payers for which we did ETL (Extract Load and Transformation) and performed Data match using proprietary logic in order to Cost Avoidance and Recovery.
- **Tracking Health Issues with Twitter –** Research is focused on sentiment analysis and topic modeling of tweets to find a correspondence to health issues and gain a new perspective for analyzing health data.
- **Virtual PC Viewer (Android Application)** - Virtual PC Viewer is a remote-control system which allows the user to view and interact with one computer ("remote desktop machine") to cellular phones ("viewer") using wireless internet connection. A viewer is provided on the cellular phone that enables the user to see and manipulate the desktop of various remote systems such as Windows operating system.
- **Doodle Blink (Android Mobile Game) -** This was developed using HTML5 and with the support of Phonegap. This is the task completion game in which the doodle will always be blinking. It will be skating and need to complete the task, for each of the task completion there will be the restricted time, each task contains different types of obstacles.
- **File Converter** – Application Developed in Java, which converts .pdf to .doc file and vice versa. and added features to merge two .pdf files, extracting image/text from particular page.
- **QuesZen** – Application to generate question paper for midterm and final semester, developed on platform VB.net as frontend and MS Access as backend application and crystal report for generating the question papers into document format.
- **Visualizing time series data:** Representing the unemployment information for different states in USA based on the data set available Bureau of Labor and Statistics . This website allows the user to select the date range to generate a time series visualization. Github link( https://arunjegarkal.github.io/Visualization/Unemployment_Rate.html)

## Professional Experience

### Graduate Assistant at Athletics Department, Texas Tech University, Lubbock, TX (2016 Dec – present)

- Development and maintenance of Texas tech Athletics Department Website.
- Creating Tableau dashboard to view the trends of expenditure based on different programs.
- Responsible for Group policy and active directory management.
- Responsible for Servers (File Share, Printer) building and maintenance.
- Involving in Deployments through MDT and DELL KACE via PXE boot.

### Software Engineer EVRY India Pvt Ltd, Bangalore, India for 2.1 years (2014 Aug – 2016 Aug)

- Working experience in Data Warehouse applications, directly responsible for the Extraction Transformation and Loading (ETL) of data from multiple sources into Data warehouse.
- Strong knowledge in Informatica, SQL and Data Warehousing Concepts.
- Extensively worked on Informatica designer for designing and developing mappings from varied transformation logic using Expression, Source Qualifier, Filter, Router, Joiner, Lookup, Sorter, Aggregator and Update Strategy etc.
- Designed ETL logic for Dimension Tables using SCD – Type1 and Type2.
- Worked with heterogeneous data sources like DB2, Flat Files, and Mainframe Files.

## Technical Skills

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| **Programming languages** | : | C, Java, Python, SQL , PL/SQL, Shell scripting |
| **Web Designing Skills** | : | JavaScript, PHP, HTML, CSS |
| **Database** | : | IBM DB2 9.1, Oracle 9i |
| | | Informatica PowerCenter Client 9.0.1 and 9.5.1, Informatica Data Explorer (IDE), SQL Developer and Toad, Informatica Cloud |
| **Tools & Utilities** | : | Tableau 10.3, Spago BI, Power Exchange |

## Honors, Awards and Achievements

- Awarded competitive scholarship: 75% fee waiver by Texas Tech University
- WebMaster at Texas Tech India student Association