**Achyut Kumar Sharma Tandra**

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**EDUCATION**

**The University of Texas at Dallas** May 2018  
*M.S., Management Information Systems* – (*Dean’s Excellence Scholarship)*  GPA 3.7

**Osmania University, India**  June 2014  
*B.E., Electronics and Communication Engineering*  GPA 3.7

**TECHNICAL SKILLS**   
Analytics Tools: Tableau, QlikView, MS Excel, RStudio, SAS Studio, MS Visio, SAS DQ, SSIS, SSRS, Talend  
Programming: JavaScript, Java, SQL, Python, R, HTML, CSS, T-SQL, AngularJS  
Databases: MS Access, MySQL, MS SQL Server, Oracle 11g

Big Data Ecosystem: Hadoop, MapReduce, Hive, Scala, Sqoop, Flume, Impala, Spark

Operating System: Windows, LINUX, UNIX

**WORK EXPERIENCE**

**TIAA,FSB**

*Marketing Analytics Data and CRM Intern*  July 2017 – Present

* Developed a Tableau Dashboard to analyze daily Talend ETL jobs performance using various Gantt charts to reduce time of ETL operation by 40%
* Designed various Banking deposits marketing campaigns reports in Tableau to increase deposits by 15%
* Automated SSIS packages by developing scripts to refresh database daily to reduce operation time by 50%
* Analyzed marketing DataMart design and modified using dimensional modelling to improve efficiency by 20%
* Created SQL stored procedures to implement business rules engine for CRM tool to facilitate increase of client base by 15%
* Developed project plan for designing marketing Data warehouse that includes various SDLC process
* Created test plan and scenarios to perform UAT and QA of DataMart development to reduce flaws in design by 50%

**Automatic Data Processing**

*Member Technical*  March 2015 – July 2016

* Demonstrated Tableau dashboards on Product Sales data to facilitate increase in sales by 15%
* Performed extensive data validation by writing various SQL stored procedures resulting in reduction of incidents based on Service Level Agreements
* Developed User Interface of a Standalone browser based online HCM application using AngularJS to increase sales by 15%
* Performed data analysis for 10,000 employees pay reports using advanced Excel analysis tools like pivot chart and macros

**Capgemini**

*Software Engineer*  October 2014 – March 2015

* Analyzed existing insurance database structure and improved it to increase daily operations by 35%

**ACADEMIC PROJECTS**

**Business Data Warehousing**  October 2016 – December 2016

* Created drill down and drill through reports to analyze business operations of Rental Car System
* Developed a data warehouse design based on star schema that supports regular OLAP operations

**Big Data Analytics** March 2017 – May 2017

* Developed HDFS environment of Dallas police open data to perform analysis using Hive and Apache Spark
* Generated visual analysis using tableau using the results from Hive analysis to increase efficiency by 50%

**Business Analytics with R**  October 2016 – December 2016

* Generated predictive model of factors involved in Bank Customer Satisfaction with an accuracy of 85%
* Utilized Random Forest, Linear Regression techniques to increase accuracy of modelling up to 75%
* Designed dashboard in Tableau and used ggplot to predict key features involved in customer satisfaction

**ORGANIZATIONS**

**Enactus, UT Dallas** – *Officer*  March 2017 – Present

**Consulting Club, UT Dallas** –*Member*  August 2016– Present

**Intelligence Analytics Society, UT Dallas**– *Volunteer* August 2016 – Present