

# Jobin Varughese

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Empathy. Woo. Strategic. Connectedness. Input.

## KEY SKILLS

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- Experience in analyzing data using SQL, Tableau, & SAS
- Critical thinking
- Proficient in SQL and Cognos for data extraction and ad-hoc reporting
- Strong Attention to detail
- Proven Analytical & Problem-solving skills
- Experience with BI tools (Tableau, Qlik, SAS Analytics) for Data Visualization
- Multiple Industries/Cross Functional
- Effective Interpersonal and organizational skills
- Business Analysis & Performance Improvement
- Exceptional time management, organizational skills
- Excellent written and verbal communication skills
- Proficient in Microsoft Excel (VLOOKUP, PivotTables)

## PROFESSIONAL EXPERIENCE

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- Manager, Data Insights** - Texas A&M University *Oct 2022 - Present*
- Provide leadership in the development and delivery of data, reporting, and analytics; and provide information to support planning, policy creation, and decision making for advancing Canvas and all third-party teaching and learning tools at Texas A&M
  - Create frequent and easily digestible reports and summaries for management and leadership to include project status reports, problem reports, and usage analytics for all learning technologies supported by the Office for Academic Innovation
  - Provide technical oversight for the tools that comprise Texas A&M's digital learning environment including Canvas, Zoom, and approved third-party tools used for teaching and learning
- Academic Technology Analyst** - Texas A&M University *Apr 2021 - Sep 2022*
- Streamlined new processes & workflows for third party tool testing during university-wide learning management system migration from Blackboard to Canvas
  - Engaged instructional design, student success, and academic technology teams in modernizing data collection, analytics, and visualization processes to provide data-driven insights for initiatives related to student success, faculty development, and technology adoption
  - Provided 200+ instructional design and technical one on one consultations to faculty
  - Created 30+ mobile responsive user experiences in emails and websites using HTML/CSS that allow cross-platform accessibility - delivered to over 4,500 staff/faculty and 70,000+ students
- Programming Analyst** - Oklahoma State University *Aug 2019 - Apr 2021*
- Provide business critical month end reports for OSU and A&Ms systems billing purposes
  - Provide technical support for Banner HR System and serve as a point of contact for data interfaces with outside entities and technical support resources
  - Analyzing business user needs and developing strategies to meet needs
- Graduate Research Assistant** - Oklahoma State University *Apr 2019 - Sep 2019*
- Created tutorials for MS-MIS students for their "Programming in R and Python" class
- Career Services Intern** - Oklahoma State University *Aug 2018 - May 2019*
- Generated Tableau reports on student retention, persistence, graduation rates, assessment insights from professional development events, and complete other special IT project needs
  - Provided individualized career advice, resources, and assistance to over 20 students weekly
- Business Intelligence Analyst** - Kimray, Inc. *May 2018 - Aug 2018*
- Created interactive dashboards for executives and stakeholders that met business requirements within the Supply Chain and Technology Innovation departments - now affecting decisions made by a quarter billion-dollar company

- Extensively used Tableau Desktop and Tableau Server to create, maintain and share data visualizations/reports across the organization to assist with internal and external analytics
- Assisted with problem management and gathered business requirements for ongoing projects with the goal of automating value add business processes

## EDUCATION

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**Master of Science, Management Information Systems** May 2019  
Oklahoma State University, *Stillwater, Oklahoma* GPA:3.7

**Relevant Courses:** Descriptive Statistics and Visualization, Data Science Programming, Predictive Analytics, Prescriptive Analytics, Big Data, Data Warehousing, Database Marketing, Advanced Database Management Systems, Advanced Systems Analysis and Design

**Bachelor of Technology, Electronics & Communication Engineering** May 2016  
Christ University, *Bangalore, India* GPA:3.5

**Thesis:** Performance Evaluation of Minutiae-based Fingerprint Recognition Algorithms using FPGA Device

## TECHNICAL SKILLS

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**Programming & Scripting Languages:** R, Python, Spark, Hive, SQL, C/C++, MATLAB

**Database Technologies:** Oracle, SQL Server, MySQL, SSIS

**Front-end Development:** HTML5, CSS, Responsive/Hybrid Webpages and Email, Adobe Dreamweaver

**Analytics Tools:** Tableau Desktop Specialist (Certified), KNIME, JMP, Power BI, SAS EG and Studio, MS Excel

**Software Tools:** MS Visual Studio, Xilinx ISE, Multisim, MS Office, Salesforce, Teradata, ERP

## PRESENTATIONS

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Varughese, J., Hart, J., Texas A&M Chancellor's Conference on Academic Technology, "5 Ways to Keep Students Connected: To You, Their Classmates, and Course Content in Their E-Learning Experience", Texas A&M University RELLIS Campus, College Station, TX June 2022.

Varughese, J., Three Minute Pitch Competition (3<sup>rd</sup> Place), "Why the Lion King Roars So Loud", Oklahoma State University, Stillwater, OK February 2019.

## ACADEMIC PROJECTS

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**Sentiment Analysis on Airline tweets - R** Sep 2019  
Created tutorials for MS-MIS students on conducting sentiment analysis on a dataset using R

**Teradata Challenge 2018 - Tableau, R, Python** May 2018  
Found new strategies to improve donation drive for National Multiple Sclerosis Society by training a random forest to predict missing gender of participants with 67% accuracy

**Data Storytelling using Tableau -** May 2018  
Built models and performed descriptive analysis on a mortality rate dataset to find out what variables affect a particular manner of death and are useful in predicting the death age of a person

**Exploratory data analysis of mortality rates - SAS Studio** Dec 2017  
Built models and performed descriptive analysis on a mortality rate dataset to find out what variables affect a particular manner of death and are useful in predicting the death age of a person

**OSU Insurance Corporation portal - Oracle, MySQL** December 2017  
Developed a web-based database management system to streamline insurance applications

## LEADERSHIP AND COMMUNITY INVOLVEMENT

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**Actor, Stage Crew - The Theatre Company of BCS , Bryan, TX** Jun 2021 - Present

**Volunteer, Educational Sessions - TX Conference on Student Success** Oct 2022

**Actor, Stage Crew - Town and Gown Theatre, Stillwater, OK** Sep 2019 - Feb 2021

**OSU Representative - Career Guidance Network of Oklahoma (CGNO)** Aug 2018 - May 2019

**Vice President - Vintage Faith, Oklahoma State University** May 2018 - May 2019

**Student Government Liaison Intern - Oklahoma State University** Sep 2017 - May 2018