Jobin Varughese, PMP

jobinvarugh@gmail.com ✉
(405) 317-3942 ☎
College Station, TX ⚲
linkedin.com/in/jvarugh 🔗

Empathy • Woo • Strategic • Connectedness • Input

KEY SKILLS

- Experience in analyzing data using SQL, Tableau, & SAS
- PMP-Certified Project Manager with proven experience in project execution and stakeholder management
- Proficient in SQL and Cognos for data extraction and ad-hoc reporting
- Experience with BI tools - Tableau (certified), Power BI, SAS - for Data Visualization
- Multiple Industries/Cross Functional
- Effective Interpersonal and organizational skills
- Business Analysis & Performance Improvement
- Certified Scrum Master with proven PM experience
- Exceptional time management, organizational skills
- Excellent written and verbal communication skills
- Proficient in Microsoft Excel (VLOOKUP, PivotTables)

PROFESSIONAL EXPERIENCE

Senior Educational Data Analyst – Texas A&M University   *Feb 2025 - Present*
- Spearhead the Learning Analytics @ Texas A&M program to support educational development, driving improved data-driven decision-making for faculty and students
- Collaborate with faculty/staff to enhance teaching effectiveness and learning outcomes by leveraging learning technologies and data insights, fostering faculty and student success
- Contribute to research on learning analytics, supporting the academic community in understanding and utilizing data for improved teaching and learning outcomes
- Lead cross-functional collaborations and partnerships within the university, aligning strategies with the institution's focus on innovation in teaching and learning technologies

Manager, Data Insights/Educational Consultant – Texas A&M University   *Oct 2022 – Jan 2025*
- Provided 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
- Awarded for exemplary efforts in demonstrating exceptional dedication, leadership, teamwork, and support for IT Enterprise Operations
- Created 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 of the Provost
- Provided 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

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

Relevant Courses: R and Python Programming (later served as GRA), Predictive Analytics, Big Data, Data Warehousing, Advanced Database Management, Visualization, Systems Analysis and Design

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

Project Management Professional (PMP) Certification   *Dec 2024*
Project Management Institute (PMI)

TECHNICAL SKILLS

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), JMP, Power BI, SAS EG and Studio, MS Excel
Software Tools: MS Visual Studio, Xilinx ISE, Multisim, MS Office, Salesforce, Teradata, ERP

PRESENTATIONS

Varughese, J., Shields, C.J., Texas CanvasConnect, "Numbers Don't Lie: Taking Action with Canvas New Analytics," University of Houston-Downtown, February 6, 2025.

Varughese, J., Sutedjo, A., Hughes, S., Texas Conference on Student Success, " Streamlining Course design and Student Outcomes by Leveraging Analytics," Texas A&M University, College Station, TX October 5,2023.

Varughese, J., Sutedjo, A., Hughes, S., Texas A&M Chancellor's Conference on Academic Technology, "Reimagining Student Success: An Instructional Design Approach Informed by Analytics," Texas A&M University RELLIS Campus, College Station, TX June 27,2023.

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 29,2022.

ACADEMIC PROJECTS

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

Teradata Challenge 2018 (Runners-up) – 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/Python - Link   *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, SQL   *Dec 2017*
Developed a web-based database management system to streamline insurance applications

Performance evaluation of minutiae-based fingerprint recognition algorithms   *Apr 2016*
Designed and implemented fingerprint recognition algorithms on Spartan-6 FPGA device. The algorithms were thereupon compared to evaluate relative performances

LEADERSHIP AND COMMUNITY INVOLVEMENT

Educational Sessions & Planning Committee – TX Conf. on Student Success   *Oct 2022, Oct 2024*
Actor, Stage Crew – The Theatre Company of BCS , *Bryan, TX*   *Jun 2021 – Sept 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*
Student Government Liaison – Oklahoma State University   *Sep 2017 - May 2018*
Backstage Manager – Imbroglio Productions   *Nov 2016 - Dec 2016*