**Srujan K Shivamurthy | AWS Certified Solution Architect Associate** +1(737) 529-4313

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**Objective:** Data Engineer with 3 years of experience seeking roles in Data Engineering/ Data Science

**Education:**

**Master’s degree in Management Information Systems (MIS)** – GPA: 3.75/4 August 2019 - December 2020

University of Arizona, Eller College of Management, Tucson

**Bachelor of Engineering in Information Science and Engineering** – CGPA: 8.81/10 August 2013 - May 2017

Sri Jayachamarajendra College of Engineering, India

**Work Experience:**

Data Analyst - Graduate Assistant, **University of Arizona** September 2019 – Current

* Designed, implemented and owned the Student Course Survey dashboard by building **machine learning models** to perform **natural language processing** and sentiment analysis. This helped over 10+ professors to evaluate students’ feedback
* Pioneered in integration of **R**, **Python** with **OBIEE** and **Tableau**. Aided Data scientist and Data Analyst to run models on **OBIEE** for Net Tuition Revenue dashboard showing the probable percent change in Fall 2020 Headcount, Fiscal Year 2021 Tuition Revenue and Institutional Aid due to COVID
* Developed workflows in **AWS** **Lake formation**, **Glue** for loading incremental data from Relational Data Service (RDS) by setting up blueprints, configuring AWS roles and policies. This helped users query latest data through **Athena** and **AWS** **Redshift Spectrum**.

Data Consultant**, AngelMed Flight (Eller Business Consulting Course)**  January 2020 - May 2020

* Created dashboards using **Tableau**, used advanced Excl tools like VLOOKUP, PIVOT, SOLVER to analyses hotel costs, gas charges, ambulance costs, flight characteristics and provide business solutions to reduce operational costs. The analysis helped the company save **$292,275** from April through December 2020. Collaborated with 5 team members to achieve this goal.

Data Engineering Specialist, **General Electric** Healthcare July 2017 – July 2019

* Developed automation framework for **migrating** relational objects from **Teradata** to PostgreSQL using **SQL**, **Python**, Informatica, **Jenkins**, GIT, REST API’s and Redis. Received Above and Beyond **award** for migrating 10000+ lines of code in 2 days
* Designed and developed dashboards for GE Healthcare executives for continuously monitoring

financial **metrics** regarding Sales, Revenue, HR, Travel and Expense

* Spearheaded, implemented and owned a log prediction tool for monitoring GE Healthcare equipment’s voltage health. Used **Kafka** and **Spark Streaming** along with ML models to predict the occurrence of equipment failure in the near future. Built live streaming dashboard using **JavaScript** for **anomaly detection and time-series analysis**

**Academic Projects:** GitHub repository link:<https://github.com/srujanks1995>

**Skills |**

**Languages**: SQL, Python, R, C

**Web Technology**: HTML, CSS, JavaScript, RESTful API, AJAX, jQuery

**Database**: Teradata, Oracle, Hive, MySQL, AWS Redshift

**NoSQL**: DynamoDB, MongoDB, Redis

**AWS**: S3, EC2, IAM, VPC, API Gateway, Lambda, Glue, Athena, Lake formation, CloudWatch, Redshift Spectrum

**Tools**: Alteryx, Tableau, Informatica, Apache Nifi

**ML Packages**: Numpy, Pandas, Scikit learn, Matplotlib, Streamlit, Keras, TensorFlow

**ML Modeling Algorithms**: Linear regression, SVM, Random Forest, Naïve Bayes, Decision Tree, Neural Network

**Certifications | Verify Link:** <https://srujanks1995.github.io/profile/#Certifications>

**AWS Certified Solution Architect Associate**

Data Engineering, Big Data, and Machine Learning on **Google Cloud Platform**,

Azure Spark **Databricks** Essential Training,

Learning **Kubernetes**,

**Alteryx** Designer Core Certified,

**Tableau** Data Analyst and Data Scientist Badge