**Srikanth Shenoy**

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An entry-level data scientist who takes pride in building models that translate data points into business insights. provide innovative solutions to solve complex real-world problems, build productive collaborations and lead by example.

**EDUCATION**

**Texas McCombs School of Business - Certification**

*Post Graduation Program in Artificial Intelligence and Machine Learning*

**Jain University, Bangalore, India (7.1 CGPA)**

*Bachelor of Technology in Information Science and Engineering*

**Apr 2021 – May 2022 July 2016 – May 2022**

**TECHNICAL SKILLS**

**Languages**: Python, SQL, R, Julia, Bash, Go, Web development using Flask/RShiny

**Libraries**: TensorFlow, PyTorch, PySpark, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, NLTK

**Tools**: AWS SageMaker, Rekognition, Polly, EC2, Lambda, Apache Spark, Kafka, PowerBI, Linux

**WORK EXPERIENCE**

**SOC Analyst** **Feb 2021 - Nov 2021**

*Indecomm Global Services, Bangalore, Karnataka*

* Mentored over 80 developers on security trends and best practices followed during development
* Tracked 100,000 malicious traffics per day in on-premise systems and cloud applications, preventing 98% intrusions, tested off-shore and on-shore applications
* Instructed, Delegated and Evaluated the security strategies and measures on cloud apps as a part of DevSecOps team and improved the security features by 30%
* Performed active penetration testing on 51 web applications and 200 servers
* *Skills and Tools*: MS Excel, PowerBI, Bash, Agile, Application Testing, RPA automation, CI/CD

**KEY PROJECTS**

**Automated Ticket Assignment System** **April 2022 - May 2022**

*Capstone Project*

*Objective:-* The goal was to build a classifier to classify the tickets by analyzing text.

*Impact:-* Better assigning of ticket to appropriate teams, model accuracy at 77%

*Skills and Tools:-* Text Analytics, word2vec, glov, textblob, tensorflow, gensim, regression, LSTM

**Product Analysis using sentiment analysis**

*Objective:-* The goal was to classify customer review on products released on social media

*Impact:-* 95% accuracy on determining sentiments on more than 300,000 reviews

*Skills and Tools:-* flatten, keras, dense, timedistributed, LSTM, data cleaning, wrangling, preprocessing

**Customer Support Chat bot**

*Objective:-* To build interactive chat which accepts dynamic texts and reply with relevant message *Impact:-* Achieved appropriate results from text response from model with 53% accuracy and f1 score of 71%

Skills and *Tools*:- Decision Tree, Random Forest, json, nltk, Lancaster stemmer **Customer Retention based on usage**

*Objective:-* To build a windows GUI application and a model that helps to identify the potential customers who have a higher probability to churn

*Impact:-* The model helps in pinpointing patterns of customer churn, increasing focus on strategizing giving 89% accuracy

*Skills and Tools:-* mysql, statistical analysis, tkinter, logistic regression, SVM, KNN, ada boosting