

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

Apr 2021 – May 2022

Post Graduation Program in Artificial Intelligence and Machine Learning

Jain University, Bangalore, India (7.1 CGPA)

July 2016 – May 2022

Bachelor of Technology in Information Science and Engineering

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, glove, 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