SRINIVAS PRASHANTH

DATA SCIENTIST

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EDUCATION

SPRING BOARD -DEEP LEARNING CAREER TRACK — June 2019 to Feb. 2020

B.TECH-MECHANICAL ENGINEERING — June 2012 to June 2016

SUMMARY

Looking for a challenging opportunity in the field of Data Science for full time application of my skills as well as enhancing my skills. Industrial experience in building deep learning models from scratch using Kera's, TensorFlow in the domain of Computer Vision, NLP. Created models for predictions in field of Banking and Telecom sector with state of art accuracy using Machine Learning. Gained high level understanding of various Machine Learning, Deep Learning algorithms by completing certifications from Deep Learning specialization (Coursera), Spring Board-AI, Full stack Data Science (Machine Learning, Deep Learning) and Statistical analysis from Jigsaw Academy.

SKILLS

MACHINE LEARNING & DEEP LEARNING: Keras, TensorFlow, Python, OpenCV, R, Oracle, SQL, Statistics, Probability, Hypothesis Testing, Neural Networks

EMPLOYMENT

VIRTUSA CONSULTING
Data Scientist — **Bangalore** / **Mar. 2019 to Current**
- Understanding British telecom's processes to automating workflows using machine learning based prediction models.
- Trained a classification model by transforming customer and order related data to forecast Modify type at order level which will be actually determined during service level.
- Interpreting the outputs of machine learning models for business understanding using interactive presentations and knowledge sharing sessions.

WIPRO TECHNOLOGIES
Computer Vision Enginner — **Bangalore** / **June 2018 to Feb. 2019**
- Involved in training Deep Neural Network model for Pipeline Anomaly Detection for a reputed organization using Microsoft CNTK Transfer Learning approach.
- Image preprocessing using OpenCV techniques such as Motion vectors and various edge detection algorithms.
- Trained a deep learning model for Text extraction to extract length information present on each image.

ML Engineer — **Hyderabad** / **Jan. 2018 to May 2018**
- Analyzing data which includes data collection, data cleaning, data transformation and visualizing data to come up intuitive and interesting insights which helps in problem solving.
- Involved in feature extraction process to identify important features that helped in prediction of customers defaulting the loan for a reputed banking services company.
Implemented various machine learning algorithms to get the state of art accuracy

Project Engineer — **Pune** / **June 2016 to Dec. 2017**
- Provide full lifecycle support to Business from initial interaction through requirement analysis, design, coding, testing, debugging, implementation and integration
- Perform Code debugging on Plugins and Workflows (Microsoft CRM), Stored Procedures in SQL server to trace out the issue.
- Prepare the implementation plan and for the change implementation.
- As a System Level Support been responsible for solving high priority incidents within the SLA (Service Level Agreement).

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PROJECTS

SENTIMENT ANALYSIS ON IMDB DATASET:
Performed sentiment analysis on IMDB dataset by using Sequential Models. Steps involved are basic data preparation, converting the data into sequence and padding. Then using LSTM networks to understand the training data.

SENTIMENT ANALYSIS ON AMAZON REVIEW DATASET
Application of Random Forest, stacked model architecture on Amazon Review Dataset for sentiment analysis. Also implemented Hyper-opt package to automate the hyper parameter fine tuning.

PREDICTING CUSTOMER ATTRITION IN TELECOM SECTOR
To predict the factors attributing to the customer Attrition from a given set of variables.
Models Built: Principal Component Analysis (PCA), Logistic Regression, Decision Trees and Random Forests

CERTIFICATIONS

Deep Learning Specialization by Andrew Ng, Deep Learning.AI

Full Stack Data Science Certification from Jigsaw Academy.