

VB SuryaTeja

Software Engineer**Machine Learning Enthusiast****AI Researcher**PH : 9160764471, Email : suryatej.varikuti@gmail.com: [vbsteja](https://github.com/vbsteja) : <https://vbsteja.github.io.com/vb1>

About Me:

- I am a machine learning enthusiast with experience of building applications to solve problems in domains including Machine Learning, Natural Language Processing, Predictive analytics, Image classification.
- Design, build, deploy Machine Learning applications to solve real-world problems empirically .
- Experienced in varied forms of practical data, including Image, Text, Video, Motion-capture & other high-dimensional data

Education:

- MCA,VRSEC Eng. College ,Autonomous , Vijayawada, AP, Jun 2014.
CGPA : 8.4, Notable Course Work: Data Structures, Operating Systems, Algorithms, DBMS
- B.Sc. Computers , Mar 2011.
- ZPHS Govt High School,75 Tyallur, Guntur, AP.

Experience:

Sep 2014 – Present**Software Engineer, LTI, Chennai.**

- Worked as a developer on the supply chain management application using MVC.Net 4 Framework, LINQ.
- Worked as a support engineer for a client(P&G) application using the technologies java, struts, oracle.

- Worked as developer in a chat bot application, mainly developed algorithms using Natural Language Processing and Machine Learning to classify IT support Tickets for the IT work process management.

Open Source Projects:

- Built a SMS classification model to identify the messages based on the text they contains to categorize and organize into different category folders. For this work I have used state of the art cutting edge deep learning techniques with NLP such as word embeddings and Neural Networks. Achieved 98% accuracy with the test set.
- Built a Model to predict the Author for the ' kaggle Spooky author detection ' competitions using ensemble methods.
- Built a predictive analytics solution to understand, detect and counter the malicious attacks on internet network malicious server attacks.

Sep 2014 – Present

Other Experience.

- Participation in Kaggle competitions on Image classification, Regression, Natural Language Processing.
- I have experience building really fast and accurate machine-learning models in Python.
- Experience in building Neural network architectures.
- Built a script for recommender system for movie lens database using collaborative filtering and word embeddings.
- Using VGG net , built a image classification system.
- Experience working with pretrained models, transfer learning.
- Experience with improving the accuracy of Machine Learning models using Batch Normalization, Pseudo Labelling, Data Augmentation, Regularization.
- Experience with deploying Machine learning models in cloud such as Heroku, AWS
- Strong experience in Regular Expressions using Python.

Technologies:

- **Programming Languages:** Python, Java, Clojure, elixir, Julia, JavaScript, bash, C# MVC.
- **ML/DL Frameworks:** Tensorflow, Keras, Sklearn, XGBoost.
- **NLP Frameworks:** NLTK, SPacy.
- **Other:** Oracle, MySQL, Apache POI, pandas, SciPy, Matplotlib, Numpy, Networkx, Flask, Sanic, Jupyter.
- **OS:** Ubuntu, Windows(7/10).

Awards & Acknowledgements

- Secured first place in a state level quiz competition in the Under Graduation.

Certifications.

- Machine Learning by Andrew NG, coursera.