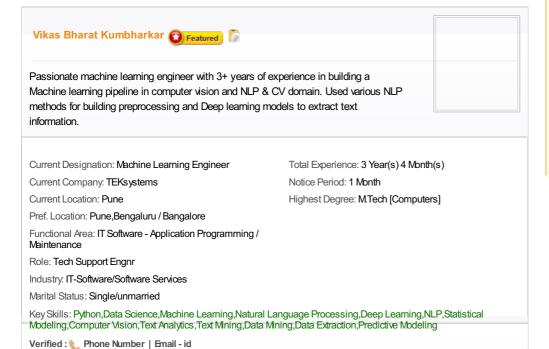


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Jump to Section

Work Experience | Education | IT Skills | Projects |

Summary

Accomplished Machine learning Engineer with demonstrated ability to deliver valuable insights via Text Processing and Computer Vision approaches.

Deployed working deep learning models with state of art technology to provide solutions in Health care, Finance domains.

Work Experience

TEKsystems as Machine Learning Engineer Jul 2019 to Till Date

Extraction Text from Text documents using Google Cloud Vision API and apply Natural Language Processing Techniques

Used state of art Techniques like GCP, RNN, LSTMdeep learning models to get Financial and Business benefits. Onboarded with validating 30,000+ accounts in clerical reconciliation engines with the usage of pandas, PostgreSQL. Monitored Reconciliation engines from statistical programs for accuracy, consistency, and statistical validity. User testing from Ops in Break allocation to ensure the automation activity are in-line with expectations.

 Virtuous Soft Solutions as Machine Learning Engineer Jun 2018 to May 2019

Build End to End NLP pipeline for solving various Text mining, Text Classification, Text Analysis Task.

Research and Integrated various industrial machine learning use cases into the existing workflow.

Build Text classification model for improving taste with usage ingredients.

Used Geotagged information for market analysis and search efficient

Build a Machine learning pipeline into AWS, Docker, and Kubernetes.

System Level Solutions as Machine learning Intern Aug 2017 to May 2018

Used DICOM dataset for Lung cancer Detection and Researched various morphological and segmentation methods. Implemented Fuzzy Connectedness algorithm segmentation with 76% accuracy. Used Resampling and 3D CNN for classification with 72% accuracy. Identified pulmonary labeled dataset with increased segmentation accuracy upto 90%. With the labeled dataset CNN able to predict 96% correctly.

 Virtuous Soft Solutions as Cloud Support Engineer Aug 2015 to Jun 2016

1

Important

 Using Free CV Search you have access to featured candidate profiles of Naukri. You can browse through the profiles and email the candidates of your choice directly using the email option provided. To prevent misuse of candidate information, contact details and attached resume of the candidates have been withheld Provided technical assistance for enterprise solutions and cloud services

Proven ability to use a wide variety of open source technologies and cloud services like AWS, GCP, Kubernetes.

Demonstrated proficiency in Linux hands-on and debugging skills.

Analytical and predictive analysis using python libraries pandas, numpy, scikit-learn.

^ Back to Top

Education

UG: B.Tech/B.E. (Computers) from Pune University in 2015

PG: M.Tech (Computers) from Nirma Institute of Technology, Ahmedabad in 2018

Other Qualifications/Certifications/Programs: Natural Language Processing in Tensorflow Structuring Machine Learning Projects

^ Back to Top

IT Skills

Skill Name	Version Last Used	Experience
Numpy, Pandas, sklearn, Matplotlib	2020	3 Year(s) 3 Month(s)
Deep learning,NLP	2020	2 Year(s) 2 Month(s)
Machine Learning, Deep Learning	2020	3 Year(s) 4 Month(s)

^ Back to Top

Languages Known

Language	Proficiency	Read	Write	Speak
English	Proficient	✓	✓	✓

^ Back to Top

Projects

Project Title: Smart Optical Reader Of Text. Client: HSBC Software Development (India) Pvt. Ltd Nature of Employment: Full Time

Duration: Aug 2019 - May 2020 Onsite / Offsite: Onsite Team Size: 16

Skill Used: Python, Machine Learning, Natural Language Processing, Text Mning, LSTM, Deep Learning Project Details: Usage Google Cloud vision API for Extraction text from pdf, images, word documents. Applied Regular Expression, Chunking, Dependency Parsing, Topic modeling, NER, Ngrams to get valuable insights. Used spaCy, NLTK, Gensim for tokenization, stemming, Lemmatization, pos tagging, Ngram. Build an NLP pipeline using pre-processing, LSTM & CNN.

Project Title: Food and Beverages Intelligence using ingredients and taste

Client: Virtuous Soft Solutions

Duration: Aug 2018 - Feb 2019 Nature of Employment: Full Time Onsite / Offsite: Onsite

Project Details: Understanding and leverage various food tastes to improve quality and

predict trends of food and beverages. Used Ingredients of foods with various recipe ratios to get the best consumer experience with NLP and Machine learning

techniques Created NLP Pipeline using spaCY and NLTK for tokenization, Lemmatization, TFIDF model, Word2vec, glove. Used NER, Topic Modelling, LSTM to understand the human perception of flavor and preferences, dividing users into different demographic groups and modeling their preference behavior or predicting what they want.

Various user reviews were managed by the chatbot to get a better consumer experience.

Project Title: Pulmonary Lung Classification and Lung Cancer Prediction using Fuzzy Logic and Deep Learning.

Client: System Level Solutions Nature of Employment: Full Time

Duration: Aug 2017 - May 2018 Onsite / Offsite: Onsite

Project Details: Used DICOM datasets for Lung cancer detection. Segmentation of pulmonary lung nodules and remove noise using Fuzzy connectedness algorithm.

Given 76 % accuracy with the usage of CNN for classification. Identified pulmonary labeled datasets with increased segmentation accuracy to 90%

With labeled datasets model performed with 96% accuracy.

^ Back to Top

Affirmative Action

Work Authorization

Physically Challenged: No Job Type: Permanent / Temporary Employment Status: Full Time, Part Time

^ Back to Top

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