APURVE YAJNIK

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Education

Bachelor Of Engineering - Computer Science
Thapar University, India
2012 - 2016

Skills

Programming
Python
R
SQL

Tools
Excel
Tableau
Git
Docker

Machine Learning
Linear Regression
SVM
Computer Vision
CNN
NLP
LSTM
Transfer Learning
BERT
ELMO

Libraries
NumPy
Pandas
Keras
Tensorflow
Pytorch
Scikit-learn
Django
Flask-restplus
Spacy

Work Experience

Data Scientist
Housing.com

Nov 2019 - June 2020

- Created a house rent price suggestion model for brokers.
- Built and deployed a pipeline for an Image classifier for image auto filters for India's biggest real estate marketplace Housing.com.
- Tech stack: Scikit-learn, H2O, Pandas, Flask, Keras, Pytorch, Tensorflow, Kafka etc.

Applied Research Engineer
Netomi (formerly msg.ai)

July 2017 - Oct 2019

- Built and shipped the end-to-end Natural Language Understanding pipeline for customer support chat and email bots from research to production for clients like Westjet, Tmobile, Singtel etc.
- Created an Intent Classification platform api to train and ship domain specific chat and email bots using Transfer Learning.
- Worked on various Natural Language Processing (NLP) based research tasks namely Intent Classification, Spell Correction, Named Entity Detection, Text similarity, Language Modelling etc.
- Tech stack: Tensorflow, Keras, Spacy, Numpy, Scikit-learn, Mysql, Flask, Kafka, AWS (multiple services), Pandas, Neo4j etc.

Machine Learning Engineer
Be U Salons

June 2017 - July 2017

- Created a face recognition application for differentiating employees and customers using Transfer Learning.
- Tech stack: Tensorflow, Openface, Docker, flask, opencv etc.

Data Engineer Intern
Simplilend

July 2016 - Jan 2017

- Built mathematical models with an end goal to predict credit worthiness.
- Created an API to gather relevant data from websites, PDF and other data sources containing banking related data.
- Tech stack: Numpy, Django, Pandas, Beautiful soup, selenium etc