APURVE YAJNIK

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Education

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

Skills

Programming Languages

- Python
- R
- SQL

Tools and Frameworks

Moderate to Advanced experience in working with the following.

- Python Data Science Ecosystem
- Python Web Frameworks
- Git
- GGplot
- NoSQL
- Docker
- Kafka
- Hugging face Models
- AWS (EC2, S3, Sagemaker etc.)

Work Experience

Data Scientist
Freelance Projects

Sep 2020 - Present

- Built an entity extraction model to automate information extraction from regular recurring texts.
- Built a Discord bot to provide customer support information and manage toxic comments.
- Created the backend APIs for hotel group booking system.

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.

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