

APURVE YAJNIK

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Work Experience

Principal Data Scientist

Drivebuddyai

Dec 2022 - Present

- Building machine learning modules for driver, and road monitoring and alerts for vehicles.
- Creating data processing APIs and leading the team for building the product data dashboard for fleet management and analysis.

Data Scientist

Freelancer

Sep 2020 - Nov 2022

- Built a system for extracting required information from recurring financial reports using NLP QA models.
- Created feature stores on GCP for various aggregate features for Machine Learning tasks.
- 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 an ensemble of object detection models and Image classifiers for image auto filtering 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

- Implemented and trained Deep Learning based models for NLP tasks with main focus on Intent Classification, Language Modelling, Text Similarity and Question Answering.
- 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.
- Tech stack: Tensorflow, Keras, Spacy, Numpy, Scikit-learn, Mysql, Flask, Kafka, AWS (multiple services), Pandas, Neo4j etc.

Education

Bachelor Of Engineering

Computer Science

Thapar University, India

2012 - 2016

Skills

Programming

- Python
 - Pandas, Numpy, Scipy
 - Scikit-Learn, Spacy, LightGBM
 - Django, Flask
 - Pytorch, Keras
 - HuggingFace

Tools

- Git
- SQL DBs - MySQL, SQL Server, PostgreSQL
- NoSQL DBs - MongoDB, Redis, Neo4j
- Docker
- Kafka
- AWS (EC2, S3, Sagemaker etc.)