

Skills

Languages : Javascript / Node.js , Python , C/C++ , SQL

Frameworks : Django , Flask , Opencv ,Tensorflow , Pytorch , Pandas , Numpy . Scikit-learn , NLTK , Spacy

Devops : Windows/Linux/MacOs CL , Bash , Git / Version Control , CI/CD , Mlflow

Platforms : AWS - EC2 , S3 Bucket , RabbitMQ , Lambda functions , Sagemaker , GCP - Cloud functions , Heroku

Datascience : EDA , ETL , Supervised & Unsupervised Learning methods , Regression models , Clustering , NLP

Experience

Tata Consultancy Services

Bangalore , India

<https://tcs.com/>

Dec 2022 - Present

Machine Learning Engineer

Projects

Aadhaar

- <https://myaadhaar.uidai.gov.in>
- Improved TPS of the finger segmentation model by > 50 % by converting into TensorRT model & nvidia's Triton server
 - Trained our own latest pytorch model on the finger segmentation dataset to improve the latency & TPS
 - Successfully completed biochallenge - IIT hyderabad

Edvanza

Hyderabad , India

<https://edvanza.com/>

Aug 2021 - Oct 2022

Junior Machine Learning Engineer

Projects

Edvanza

- <https://beta.edvanza.com/>
- Worked on EDA, Model Training & Evaluation, Hyper Parameter Tuning, Xgboost, Deployment - Salary Prediction.
 - Worked on EDA, Model Train, Evaluation, Hyper Parameter Tuning, BERT Model Deployment - Skills Annotation
 - Worked on Model Train & Evaluation, Hyper Parameter Tuning, BERTopic Model, Deployment - Topic Modelling
 - Worked on Model Train, Evaluation, Hyper Parameter Tuning, Pytorch LSTM Model, Deployment - Semantic Matching
 - Worked on implementation of CI/CD pipelines for our model's deployment

SHC Technologies

Hyderabad , India

<https://shctech.io>

Apr 2019 - Jun 2021

Fullstack & Machine Learning Developer

Projects

Zeatool

- <https://app.zeatool.com>
- Worked on Angular 8 , MongoDB , Express.js , Node.js for the development , testing , deployment of the application
 - Contributed towards building ETL pipeline for data processing engine using python , pandas , numpy
 - Built and Deployed chatbot on our website using dialogflow

IOT

- Developed Skills for Amazon Alexa , Google Home and Deployment of skills on their Stores

Research & Development

- Prototyped Doctor Patient application , which simplifies the ehr recording process using pytorch framework
- Developed Question Answering app , which gives answers to clients based on semantic similarity
- Developed Tweet Analysis app , which fetches tweets related covid and does sentiment analysis on those tweets

Education

Karpagam college of engineering

Coimbatore , Tamilnadu

Bachelor of Engineering in Electronics and Communication Engineering ; GPA : 7.9

Apr 2014 - Mar 2018

Courses & Certifications

Deep Learning Specialization

Coursera

<https://coursera.org/share/2fc97a516e0d8510397053ff94e2fae8>

Jul 2021

AI for Medicine

Coursera

<https://coursera.org/share/c4f8673987b62b29ec79c3d907987bd2>

Jul 2022

Projects

Machine Learning : https://github.com/guruprasaad123/ml_for_life

Deep Learning : https://github.com/guruprasaad123/all_dl_projects