Guruprasaad Durairaj

https://guruprasaad123.github.io

Email : jiiva116@live.com

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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
https://tcs.com/
Machine Learning Engineer

Bangalore , India
Dec 2022 - Present

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
https://edvanza.com/
Junior Machine Learning Engineer

Hyderabad , India
Aug 2021 - Oct 2022

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
https://shctech.io
Fullstack & Machine Learning Developer

Hyderabad , India
Apr 2019 - Jun 2021

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

Coimbatore , Tamilnadu
Apr 2014 - Mar 2018

Courses & Certifications

Deep Learning Specialization
https://coursera.org/share/2fc97a516e0d8510397053ff94e2fae8

Coursera
Jul 2021

AI for Medicine
https://coursera.org/share/a5774fa7e361c74d321d98e4e0c902b7

Coursera
Jul 2022

Projects

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

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