Guruprasaad Durairaj

https://guruprasaad123.github.io

Email : jiiva116@live.com

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Skills

Languages : HTML5 , CSS3 , Javascript / Node.js , Python , C/C++

Frameworks : React.js , Angular , Express.js , Django , Flask , Opencv . Cuda , Tensorflow , Pytorch , Pandas , Numpy

Devops : Windows/Linux/MacOs CL , Bash , Git / Version Control , Docker

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

Datascience : EDA , ETL , Supervised & Unsupervised Learning methods , NLP , Time series Data Analysis

Experience

SHC Technologies
https://shctech.io

Hyderabad , India
Apr 2019 - Present

Fullstack & Deep Learning Developer

Projects

Zeatool
https://app.zeatool.com

· Worked on Angular 8 , MongoDB , Express.js , Node.js for the development of the application

· Debugging and testing the functionality of the application

· 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 for doctors & patients using pytorch framework

· Contributed towards to architecturing , developing , deploying machine learning models and developed FaqBot which gives answers to clients based on a csv using Tensorflow , Flask , Python , React as frontend

· Developed Tweet Analysis app which fetches tweets related covid and does sentiment analysis on those tweets using Flask , Python , React as frontend

Elspectra
https://elspectra.com

Bangalore , India
Mar 2018 - Nov 2018

Fullstack Developer Internship

Projects

Caselets
https://caselets.io

· Contributed towards development of our app using React , Redux , Firebase

· Debugging and testing the functionality of our app

· Handling the deployment of the app to firebase

Education

Karpagam college of engineering

Coimbatore , Tamilnadu
Apr 2014 - Mar 2018

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

Courses & Certifications

Convolutional Neural Networks
https://coursera.org/share/5cfeae8bfcb0c2c45bfaec427240164b

Coursera
Dec 2020

Sequence Models
https://coursera.org/share/a55cef3b82309a0d897cf796b2f73d05

Coursera
Oct 2020

Improving Deep Neural Networks
https://coursera.org/share/3c9bd429fa655988dab4927c60151f34

Coursera
Aug 2020

Neural Networks and Deep Learning
https://coursera.org/share/285a29d7c9ced8eec53434eb664a6b94

Coursera
Apr 2020

Projects

Yolo Object Detection App
https://guruprasaad123.github.io/yoloapp/

· A Basic Web App that uses AI to detect common objects

· Worked on the model architecture , validation , tested the model on sample images

· Deployed frontend , deep learning model associated with flask server as a heroku app

Signs App
https://guruprasaad123.github.io/signsapp/

· A Web App that uses Convolutional Neural Networks to recognizes hand signs from (0 - 5)

· Built Deep learning Model (Le-Net) on tensorflow , done validation , analysis of performance

· Deployed frontend , deep learning model associated with flask server as a heroku app