

Skills

Languages : HTML5 , CSS3 , Javascript / Node.js , Python , C/C++
Frameworks : React.js , Angular , Express.js , Django , Flask , Tensorflow , Pytorch
Devops : Windows/Linux/MacOs CL , Bash , Git / Version Control , Docker
AWS : EC2 , S3 Bucket , RabbitMQ , Lambda functions

Experience

Elspectra
<https://elspectra.com>

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

Bangalore , India

Mar 2018 - Nov 2018

SHC Technologies
<https://shctech.io>

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
- Build and Deployed chatbot on our website using dialogflow

Hyderabad , India

Apr 2019 - Present

IOT

- Developing Skills for Amazon Alexa , Google Home and Deployment of skills on their Stores
- Deploying Google Firebase function incase of Google Home , aws lambda function incase of Alexa for Backend

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

Education

Karpagam college of engineering
Bachelor of Engineering in Electronics and Communication Engineering ; GPA : 7.9

Coimbatore , Tamilnadu

Apr 2014 - Mar 2018

Courses & Certifications

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

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

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

Convolutional Neural Networks
<https://coursera.org/share/5cfeae8bfc0c2c45bfaec427240164b>

Coursera
Apr 2020

Coursera
Aug 2020

Coursera
Oct 2020

Coursera
Dec 2020

Projects

Twitter Sentiment Analysis
https://github.com/guruprasaad123/medical_dl_research/tree/master/twitter-app

- Built Frontend using materialize-ui (React.js) and Backend is served by flask server (python)
- Done Sentiment Analysis , topic modelling using tensorflow , NLP algorithms
- Deployed frontend , machine learning model associated with flask server onto aws ec2 instance

Signs App

<https://guruprasaad123.github.io/signsapp/>

- A Web App that uses Convolutional Neural Networks to recognizes hand signs from (0 - 5)
- Created a Deep learning Model (Le-Net) on tensorflow and deployed the model on ec2 as a rest api service using flask