Contact

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Education

2020-2024
(B.Tech): Computer Science
Amrita Vishwa Vidyapeetam

2006-2020
High School Education
Swamy's School

Skills and Tools

- Javascript / Typescript,
- Django
- Python
- React JS
- Flutter
- Node JS
- Pytorch
- Tensorflow
- Rest API
- SQL / No-SQL
- Git / Github
- Linux
- Jenkins
- Docker
- Matlab / Java
- Arduino
- UI / UX Design
- HTML / CSS / Bootstrap

Research

- Published a journal on Prediction of COVID-19 with Supervised Regression Algorithm Through Minimum Variance Unbiased Estimator.
- Drafted a research paper on Short Anti Microbial Prediction using three feature classification and Deep Learning
- Working on a research paper about using the YOLO technique to find trash in the ocean.

Rohith ND

To pursue a highly rewarding career in challenging and healthy work environment where I can utilize my skills and knowledge efficiently for organizational growth. Seeking a responsible role to explore and enhance my technical knowledge gained at University in the last few years

Experience

Drug Adverse Predictions using FDA dataset
To help the patients to identify whether a prescribed drug has fewer or no negative side effects by predicting the adverse side effects of the drug based on usage

Deep learning based Dyslexic application
To help dyslexic kids on their learning arc and improve their skills with the help of deep learning based web application.

Deep learning based Art Hub
Deep learning based web application which generates art using text based on VQGAN , captions images using transformers and colour restoration for old photographs and videos.

Image-Image Translation using CycleGans
Utilised CycleGAN technique which uses mismatched collection of image from two separate domains to train unsupervised image translation models via GAN architecture.

Image Classification using various pre-trained model
Collected the Intel landscape image dataset and used Alex Net and CNN to develop an image classifier that forecasts the level of confidence for each label.

Summarisation using Deep learning
Created a NLP based project where the GPT-2 model aids in elaborating the text, while the DistilBERT model aids in summarising videos or blogs. Built a chrome extension which allows users to complete all actions with a single click.

MLOps for Image Classification
Built a deep learning image classifier for plant disease dataset using Neural Networks, created a full stack web application for the classifier using ReactJS and Rest API as well as configured CI/CD using Jenkins.

Deepfake detection using GoogleNet
Deepfakes may be used maliciously as a source of misinformation, manipulation, and harassment. It uses deep learning to assist in determining if a face is real or not.

Maid Services App
Developed a full-stack, commercial web and mobile application for maid services that allows consumers to book maids for daily duties and maids to locate everyday chores over mobile app.

Health Care App
Built a commercial mobile app which features online doctor consultations, doctor appointments, real-time prescription updates by doctors, and patient medical histories.

Sketch Icons (Open source package)
An open-source icon collection with more than 600 icons makes it simple for people to use icons. By dynamically loading an SVG for each icon, the component makes sure that your app only requests the icons it needs.

Achievements

- President of Coding Club in Amrita Vishwa Vidyapeetam , Chennai.
- Secured 3rd place in PSG ITechHackfest'22 organised by SAP Laboratories and Kaar Technologies.
- Runners of Caterpillar's Code-A-Thon 2022.
- Winner of MLH Hacking Heist 2022 , MLH Waffle Hacks 2022 , MLH YeeHaw Hacks 2022 ,MLH Deep Dive Hacks, MLH Thehacktrical 2.
- Runner of Medical Hackathon 2021 organised by SSN institution , Chennai
- Winner of Phobos'21 an IntraUniversity competition organised by Amrita Vishwa Vidyapeetham.
- Winner of SRM TechFest'19 for school students .
- Winner of Technocrats 2017 organised by Technocrats Robotics club,India.
- Participated in hackathons organised by AWS , Snapchat , Slim AI.