

Priyadarsan S

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PRO Skills

- Python
- Java
- C++
- C#
- Javascript
- SQL(MySQL/SQLite)
- Bash
- Linux
- MS Office
- ML & DL

Frameworks

- Django
- Pandas
- NumPy
- TensorFlow
- Matplotlib
- Pygame
- Swing
- PySimpleGUI
- Selenium
- ASP.Net

Projects

Plant Disease Inspector

Java, Python, TensorFlow, Flask, SQLite

- Android application which used to capture picture of plant, then send diseased plant image to my server then it will process with DL algorithm (CNN) to make report that includes disease name, solution, nearby fertilizer shops and it also provides agri-expert support portal.

Chatrix (Smart Home Assist)

C++, Java, Python, SQLite, Arduino

- We can control any electrical thing like ceiling fans, TV, etc
- Especially for computer automation, we can pass command through android application.
- We can control things from anywhere in world.

System Administration Tool

Python with PySimpleGUI, SQLite.

- Track list of software installed in PC/ Workstation's attached to the network.
- We can uninstall the application remotely.
- Scripts can be executed on remote system, it provides automation.

Online Invoice System for Enterprises

Django, Matplotlib, JavaScript, CSS, SQLite.

- Provides facility to generate bill for customers.
- Make enterprises auditable and provide insight for sales data.
- It made inventory management simple.

Rumour Mongers Spotter

Django, Tweepy, Keras, SQLite, Google Fact Check API

- Check whether the tweet content is fact or rumour using Naive Bayes classifier.
- Google fact check API response data is used for training the classifier.
- Scrap information such as IP address, location, username of person who posted rumour.

Education

2021 - 2023

Coimbatore, TN

2018 - 2021

Nagapattinam, TN

2017 - 2018

Nagapattinam, TN

2015 - 2016

Nagapattinam, TN

M.Sc in Information Technology

Sri Krishna Arts and Science College

Scored 77% upto II semester

B.Sc in Computer Science

E.G.S Pillay Arts and Science College

Scored 79%

HSC (TN State Board)

National Higher Secondary School

Scored 51%

SSLC (TN State Board)

N.D Higher Secondary School

Scored 65%

Internship

07/2022 - 08/2022

Coimbatore, TN

Blukode Solutions

Full Stack Developer (Full time)

- I worked for real-time project called online billing management system.
- It was developed with Django, JavaScript and MySQL

Recognitions & Activities

Cyber Hackathon - Winner (11/2022)

- It is national level problem solving competition which is organized by Cyber Crime Department of Coimbatore-TN & Sri Krishna Arts and Science College.
- I won trophy and medal for my software solution for rumour mongers spotter.

Top Coder - II Place (12/2021)

- It is campus level coding competition which is organized by Sri Krishna Arts and Science College.
- Challenges were based on OOP concepts.

Smart India Hackathon - Pre Fianale Runner (02/2022)

- This is national level problem solving competition which is organized by AICTE and MOE of India.
- I participated as a leader of (5 members) team.
- We developed " Plant disease prediction " for Android/Web.