

Nilotpall Das

Software developer

Seeking an opportunity to work with sincerity and commitment for the growth of organization that will utilize my technical skills professional growth

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Experience

Design and fabrication of soil moisture sensing robot

08/2021 - 07/2022

- Hardware- Microcontroller unit, Lead acid battery(6V,5A),Sensor
- TECHNOLOGY STACKS-C,IOT
- The soil is tested using various sensors such as pH sensor, temperature sensor, and humidity sensor. Based on the result, the farmers can cultivate the appropriate crop that suits the soil.
- The purpose of this project is to provide embedded based system for soil monitoring and irrigation to reduce the manual monitoring of the field and get the information via mobile application.

Student Management System

04/2023 - 07/2023

- TECHNOLOGY STACKS - Python, Django, PostgreSQL
- Utilized Python, Django to design server applications and client interfaces
- Developed a secure and scalable API using Django REST Framework
- Actively involved in developing the methods for Create, Read, Update and Delete(crud) in active record

Expense Tracker System

08/2023 - 10/2023

- TECHNOLOGY STACKS-Python, Django, PostgreSQL
- Designed and configured database and back end applications and programs.
- Implemented MVT architecture in developing the web application with the help on Django framework

Recipe App

11/2023 - 2/2024

- TECHNOLOGY STACKS-Python, Django, Docker
- Creating the different endpoints to manage the app as well as providing the authentication
- Coded test programs and evaluated existing engineering processes.
- Evaluated development standards and procedures of engineering processes.

Web scrapper

3/2024 - 4/2024

- TECHNOLOGY STACKS-Python,Html
- The web scraper is used to pull the stories from google news by extracting all the tags from the HTML of Google News
- Evaluated development standards and procedures of engineering processes.

Pdf Conveter

4/2024 – 5/2024

- TECHNOLOGY STACKS-Python
- This project, pdf2md, transforms academic paper PDF files into digestible text files. By analyzing the layout of the PDF file, the application restructures paragraphs and translates desired content. The final result is a conveniently exported text file.

Creating payment Receipts

4/2024 – 5/2024

- TECHNOLOGY STACKS-Python
- It helps in keeping track of the payments received from customers and provides a record for future reference.

Weather App

5/2024 – 6/2024

- TECHNOLOGY STACKS-Python, Django, html
- This is a application to check weather every city around the world. For Backend using Django Framework and Front End using Html and used weather api for the key.

Login and Registration System

6/2024-7/2024

- TECHNOLOGY STACKS-Python, Django
- This system provides the registration and login by the help of jwt authentication and testing is done with the help of postman

ToDo Webapp

6/2024-7/2024

- TECHNOLOGY STACKS-Python, Django
- This app allows to add tasks, view tasks, mark tasks as done, and exit the list

Student Result Analysis

6/2024-7/2024

- TECHNOLOGY STACKS-Python(Panda)
- This project helps to analyze student results efficiently and effectively using Python.

News App

6/2024-7/2024

- TECHNOLOGY STACKS-Python , Django
- In this project we have created a news app which helps to inform and educate readers on current affairs/events.

Quiz App

6/2024-7/2024

- TECHNOLOGY STACKS-Python , Django
- Quiz Application generally the Django Quiz App is a versatile and interactive web application designed to revolutionize learning and assessment. .

Calculator App

6/2024-7/2024

- TECHNOLOGY STACKS-Python , Django
- to develop a versatile application capable of performing fundamental mathematical operations such as addition, subtraction, multiplication, and more

- TECHNOLOGY STACKS-Python (Panda)
- This analysis helps to explore, analyze, and visualize events from the 2018-2019 season of the English Premier League

- TECHNOLOGY STACKS-Python (Panda)
- In this article, we will be learning to build a Stock data dashboard using Python Dash, Pandas, and Yahoo’s Finance API.

Key Skills

- Python
- Django
- Github
- Panda
- PostgreSQL
- GCP(Google Cloud Platform)

Education

●High School	2018
●K S Institute of Technology(VTU)	2022