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Chandan Adhikari

Software Developer

Links

Github
LinkedIn
Leetcode
Codechef

Skills

OS
GNU/Linux, Windows

LANGUAGES
C/C++, Java, Python, Javascript, PL SQL

FRAMEWORK
Flask, Django
React Web-development

DATABASES
MySQL, PostgreSQL, MangoDB, Oracle

TECHNOLOGIES
Tensoflow, Pytorch, Docker, Azure

OTHERS
Problem Solving, Git
Data Structures, Algorithms
OS, DBMS
Agile, Devops

Certifications

Microsoft Certified : Azure Fundamentals
Microsoft Certified : Azure AI Fundamentals
Problem Solving by Hackerrank
Machine Learning by Udemy
Deep Learning by Udemy
Data Structure and Algorithm in Python
by NPTEL

Education

2016-2020
B.E. IN CSE
JSSATE Bangalore
CGPA : 7.27/10

2014-2015
INTERMEDIATE
The Penetcostal Assembly School,
Bokaro
Percentage: 90.00%

2012-2013
MATRICULATIONL
The Penetcostal Assembly School,
Bokaro
CGPA : 10/10

Experience

2020-PRESENT **Accenture**   **Application Development Associate**
- Developed and maintained application in PL SQL
- Designed and developed applications in Python,Django.

Projects

A NOVEL APPROACH FOR INCREASING AGRICULTURAL YIELD

- This project serves the needs of the farmers by serving a twofold purpose. First, it suggests the best crops to grow and fertilizers required based on the climatic conditions. Second, it helps diagnose the diseases in plant from the image of its leaf and suggest an appropriate remedy.
- Tools:Pytorch, SKlearm,Django, Docker
- URL: https://crop-plant.herokuapp.com/

AQI PREDICTION

- Django web app which takes meteorological data as input and predict AQI based on it
- Tools used: Django, XGBoost, Sklearn, Javascript

ANSWER.ME - QUORA CLONE

- A rest framework based api for for a app similar to Quora
- Features - Authentication, Question and Answers, Like an answer
- Tools used: Django, Django Rest Framwework

ESHOPPERS - AN ECOMMERCE WEBSITE

- An ecommerce website using Django as backend and React as frontend
- Full featured shopping cart, Top products carousel
- Checkout process (shipping, payment method, etc), PayPal / credit card integration
- Admin console, User profile with orders
- Tools Used: Django, React, HTML, CSS, Javascript

Publications

AN ARTIFICIAL INTELLIGENCE BASED APPROACH FOR INCREASING AGRICULTURAL YIELD
JAN 2021   **Indian Journal of Science and Technology**

- Identification of a suitable crop based on soil and climatic condition along with plant disease detection using Machine Learning and Deep Learning Techniques.
- Publication url : https://indjst.org/articles/an-artificial-intelligence-based-approach-for-increasing-agricultural-yield