Nikhil Khandelwal

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I am a Data Science Enthusiastic person with excellent problem-solving & analytical skills and the ability to perform well in a team. I am passionate about obtaining a challenging position and an opportunity to help the company advance efficiently, productively, and dedication to the fullest. My goal is to further my knowledge of the latest trends and be part of a diverse and dynamic team that adds to my personal and professional growth.

EDUCATION

Bachelor of Technology in Computer Science (Data Science)
9.11 CGPA NIIT UNIVERSITY, Neemrana
08/2018 - Present

XII Class
78%PCM Maheshwari Public School, Jaipur
04/2016 - 04/2017

X Class
7.7 CGPA Maheshwari Public School, Jaipur
04/2014 - 04/2015

ACHIEVEMENTS

COVIDEATE-Ideathon Runner Up
IIT-Bombay collaboration with Larsen & Toubro Ltd
10/2020 - 01/2021

Achievements/Tasks
- Secured RunnerUp Position, in the Ideathon Organized By IIT Bombay, in which our team ideated on Efficient Vaccine Supply Chain Management methodology.

Nano EPL Winner
NIIT University & Erasmus
09/2018 - 12/2018

Achievements/Tasks
- The winner out of 20 teams(totaling over 200 participants) in the Nano-EPL Research competition.
- Research Idea hypothesized in conjugation with the topic "Nanoparticles in Water Repellent Clothes".

Smart India Hackathon-Top 5
Education department Gujarat
09/2020 - 10/2020

Achievements/Tasks
- The main task was to develop an IoT-based system for the tracking of Electrolyte bottles in Hospital.
- Developed an app for visualizing the levels of electrolytes in bottles.

FAMILIAR TOOLS

GitHub   MySQL   Microsoft SQL server   PostgreSQL

Docker   Selenium   Jenkins   PyCharm   Spyder

VSCode   GoogleColab   Jupyter Notebook

SKILLS

Python   NumPy   Pandas   Sklearn   Calculus

Machine learning   Data Analysis   Data Manipulation

R   Statistics   Data scraping   SQL   MySQL

DBMS   Statistics   Selenium   Web Automation

Data Structures & Algorithm   OOPS   Django   Flask

JavaScript   Git

PROJECTS

Calories Burnt Prediction using Machine Learning with Python
- The main task was to build a model that predicts the calories burnt using the 9 attributes dataset. I tried to compare the performance of Linear Regression, Decision Tree, Xgboost and Random Forest.
- **R squared Error =** 0.9981783805116796**, Mean Absolute Error =** 1.70514
- **Skills Used** - Numpy, Pandas, Seaborn, Sklearn, Matplotlib, Python. **Link**:https://drive.google.com/file/d/1J1a3pW9mxQMHHpKBjFJalaZFuZ9b_uFF/view?usp=sharing

A simulation-based optimization approach to Covid-19 vaccine Supply Chain Management System
- Identify the distribution center/location of warehouses optimistically. The main task was to find out the center of the country and the centers of each state **optimistically** and **efficiently** such that the sum of its distance from all other points should be minimum.
- Created a **28 matrixes dataset** contains the distance between various cities. Developed a **dashboard** for visualizing warehouses, local storages where the vaccines will be stored and some statistical data.
- **Skills used** -NumPy, Pandas, Selenium, Python, HTML/CSS, JavaScript. **Link** :https://github.com/NinadKanchan/VaccineSupplyDashboard

Workflow Management System (WMS)
- Developed a WMS application that provides an infrastructure for the set-up, performance, and monitoring of a defined sequence of tasks, arranged as a workflow application. We were aimed at the **Kanban workflow management system.**
- **Skills used**-HTML/CSS, JavaScript, Firebase, Django, NodeJS. **Link**:https://github.com/sahil-rawat/Capestone1

CERTIFICATES

Learn Python Programming Masterclass-Udemy (03/2020 - 05/2020)

Foundations of Data science-PadhAI (04/2021 - 07/2021)

30 days of Google Cloud (Data Science & Cloud Engineer Track) (10/2020 - 11/2020)

Architecting with Google Compute Engine-Google Cloud (01/2021 - 04/2021)

LANGUAGES

English
Full Professional Proficiency

Hindi & Marwari
Native or Bilingual Proficiency