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

SKILLS

Python   NumPy   Pandas   Selenium

Data Analysis   Data Manipulation   R   Statistics

Calculus   Data scraping   SQL   MySQL   DBMS

Statistics   Data Structures & Algorithm   OOPS

Django   Flask   JavaScript   Git

PROJECTS

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

Smart Way to Travel Post Covid-19
- The main task was to design an **algorithm** such that when a user registers on the app using his/her aadhaar card ID he/she is allotted **3 Days of week.** The Person is allowed to go out on those particular days only. A Project solely for ensuring Peoples' Safety Post Covid-19 and to maintain social Distancing in a **more organized way**.
- **Skills used-**Python, Matplotlib, Pandas, Algorithms, HTML/CSS/Bootstrap, Javascript. **Link**:https://github.com/Siddhant025/Enforcers

CERTIFICATES

Learn Python Programming Masterclass (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)

LANGUAGES

English
Full Professional Proficiency

Hindi & Marwari
Native or Bilingual Proficiency