SWATI CHANCHAL

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CAREER OBJECTIVE

Quality-oriented . Aiming to leverage a proven knowledge of project planning and work methods analysis skills to successfully fill the role in your company . Frequently praised as efficient by my peers , I can be relied upon to help your company achieve its goals.

TECHNICAL SKILLS

Programming Language :	**Python**
Analytics :	**Artificial Intelligence , Machine Learning , Deep Learning , NLP , Computer Vision , Statistics**
Development Tools :	**Flask , HTML/CSS**
Database :	**SQL**
Analytics Tools :	**MS - Excel , PyTorch , Tensorflow , Data Analysis , Data Visualization**
Computer Science :	**Data Structure , Algorithms**

INTERNSHIPS

- **Data Science Intern (COMPUTER VISION)**   **[Vrishank Labs]**
  - o My area of work is to build deep neural architecture and create computer vision models .
  - o In this internship I have deployed models as well as worked under research topics .
  - o Skills Stack: Deep Learning , Computer Vision, OpenCv , Pytorch , Statistics , Mathematics ,CNN.

- **Data Science Intern**   **[LawdikTat Project]**   **[Alpha AI Pvt. Ltd.]**
  - o In this internship period I experienced how to work in the corporate world/real world , how to deal with real life problems , how to come up with my own and unique approaches .
  - o Here I worked on a Project based on Law Domain and NLP , AI .
  - o Skills Stack: Data Visualization ,Machine Learning Algorithms , Flask , HTML/CSS , NLP , AI , RNN .

- **Data Structures and Algorithm Trainee**   **[PEPCODING]**
  - o Coded complex architectures and algorithms in PYTHON and JAVA
  - o Implemented Linked-List, Trees, Graphs, Dictionary with optimization .
  - o Skills Stack: Python , Java , Data Structure , Algorithms , Problem Solving .

PROJECTS

- **Medical AI :**
  - o This project is completely AI based solutions to Medical problems . It includes Diagnosis and Prognosis tasks.
  - o Tech Stack : Machine Learning , CNN , Python , Pytorch , Flask , HTML , CSS , GIT
- **Covid Tracker :**
  - o This project is Computer Vision based , includes Social Distancing check and checking of dwell time .
  - o Classify the person is Red Zoned or Green and store the data of the person .
  - o Skills : Machine Learning , Deep Learning , CNN , OpenCv .
- **Disaster Pipeline Response :**
  - o This project is divided into parts 1). ETL Pipeline Preparation 2).ML Pipeline Preparation and 3).Web App .
  - o Using flask I created a web app to deploy my model .
  - o Skills : Data Gathering , Data Analysis , Machine Learning Algorithm , Optimization , Flask , HTML/CSS .

ACADEMICS (EDUCATION)

- **Graduation**
  Guru Tegh Bahadur Institute of Technology   Electronics and Communication
  07/2017 – Present   New Delhi / India   B.Tech   8.6 CGPA

- **Data Scientist Nanodegree Program**
  Udacity   07/2020 – 08/2020   New Delhi / India
  - o I learned from data gathering to data deployment ie. software engineering , data engineering , experimental design and recommendation system .

- **Data Analysis Nanodegree Program**
  Udacity   05/2020 – 07/2020   New Delhi /India
  - o I learned to manipulate and prepare data for analysis, and create visualizations for data exploration.
  - o I learned to use my data skills to tell a story with data.

CERTIFICATION

- "NATIONAL LEVEL QUIZ ON "PYTHON""
  - o *Certificate ID: 77S0UO-CE000024*