Sudhanshu Sakhala

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https://sidsakhala.github.io/Portfolio/

Objective :

Seeking a responsible position in an organisation, which gives me a chance to improve knowledge, enhance my skills and enable me to strive towards the overall development of the organisation.

Educational Qualification :

Standard	Institute	Board / University	Percentage	Class
MCA	MIT WPU, Pune	World Peace University	Persuing	-
BCS	Abasaheb Garware college, Pune	Savitribai Phule Pune University	77.4%	Distinction
HSC	Pemraj Sarda College , Ahmednagar	Maharashtra State Board	65.5%	A
SSC	Kendriya Vidyalaya No 1 , Ahmednagar	CBSE	68.4%	A

Highlights :

- Experience in application development in Python using Procedural as well Object Oriented manner.
- Proficient in Machine Learning skills for multiple types of applications.
- Experience in handling, analysing different types of data sets.

- Experience in Algorithm designing.
- Strong coding ability both in producing clean and efficient code as well as debugging and understanding large code bases.
- Sound knowledge of multiple algorithms used for Machine Learning from various libraries in Python.
- Experience in application development using C, JAVA, Python.
- Sound knowledge of operating systems internals.
- Good analytical and problem solving skills.

Technical Skills :

Programming Languages :

- Procedural language : C Programming
- Object Oriented Programming : Java Programming, Python 3.0
- Virtual Machine based Programming : Java Programming
- Scripting language : PHP, JavaScript

- Python : Python 3.0
- Python Libraries : Numpy, SciPy, Scikit-Learn, TensorFlow, Pandas, OpenCV
- Web Technologies: HTML/HTML5, CSS, JavaScript, JQuery
- IDE & Tools: Visual studio Code, NetBeans , IntelliJ, PyCharm
- Database: PL/SQL, MySQL
- Operating System: Windows , Linux Distributions

Projects :

Project Name : Titanic Survival Predictor

Technology : Supervised Machine Learning with Logistic Regression using Python

Description :

- This application is based on supervised machine learning technique.
- There is one data set which contains information about all passengers from titanic such as its
- name, age, seat number , ticket price, height, floor etc.
- We first clean the data set by removing unnecessary entries and columns.

- We apply Logistic regression technique to train our dataset and predict whether the passenger can survive or not depends on its data entries.

Machine Learning Case Studies :

- Iris Species classification using Decision tree algorithm
- Ball classification using Decision Tree algorithms
- Advertisement predictor using Regression
- Iris Species classification using K Nearest Neighbour algorithm
- Brest Cancer Detection using Random Forest algorithm
- Play predictor application using Linear Regression
- Head Brain size predictor using Linear Regression
- Height Weight prediction using algorithm
- Titanic Survival predictor using Logistic regression algorithm
- Diabetes detector using Linear Regression
- Wine type classifier using K Nearest Neighbour

Personal Information :

- Date of Birth: 23-03-2002
- Father's Name: Tilokchand Nandkishor Sakhala
- Marital Status: Single
- Nationality: Indian

The above mentioned information is authentic to the best of my knowledge.