Sudhanshu Sakhala
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ABOUT

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.

EDUCATION

MIT WORLD PEACE UNIVERSITY, PUNE 2022 - 2024
Master of Computer Application

- Pursuing

MES ABASAHEB GARWARE COLLEGE, Pune 2019 - 2022
Bachelor in Computer Science

- Graduated from First Class Distinction , 77.4%

EXPERIENCE

TEACHNOOK, BANGALORE Jan 2023 - Mar 2023
ML-INTERN

- Worked on multiple case studies in machine learning, analyzing data and applying various algorithms to gain insights and improve model performance.

SKILLS

- **PROGRAMMING LANGUAGES**: C, C++, Java, Python, PHP, Javascript.
- **FRAMEWORKS**: Django, Angular.
- **PYTHON LIBRARIES** : Numpy, SciPy, Scikit-Learn, TensorFlow, Pandas.
- **IDE & TOOLS**: Visual studio Code, NetBeans , IntelliJ, Eclipse.
- **DATABASES** : PL/SQL, MySQL.
- **OPERATING SYSTEM**: Windows , Linux.

PROJECTS

REAL TIME HANDWRITING RECOGNITION Dec 2022

- Designed and developed a real-time handwriting recognition system using OpenCV and EasyOCR. Project involved preprocessing of images, feature extraction, and classification of handwritten text using machine learning algorithms. Successfully implemented the project and achieved an accuracy of 96%.

DISEASE PREDICTOR Apr 2023

- Developed a web application using Django framework to predict diseases based on the patient's symptoms
- Utilized machine learning algorithms including Support Vector Machine, K Nearest Neighbour, and Naive Bayes for disease prediction
- Collected and preprocessed data from various sources to train the model and achieve an accuracy of 90%
- Designed and developed a real-time handwriting recognition system using OpenCV and EasyOCR. Project involved preprocessing of images, feature extraction, and classification of handwritten text using machine learning algorithms. Successfully implemented the project and achieved an accuracy of 96%.
- Implemented a user-friendly interface for inputting symptoms and displaying the predicted disease with relevant Information

EXTRACURRICULAR ACTIVITIES

IDEATHON-2023 Feb 2023

- I and my team took part in an "ideathon" event at our university where we presented an idea for using TV white space.

INNOVISION-2023 Mar 2023

- I participated with my team in Innovision and secured 3rd position in the web development competition.

THE ABOVE MENTIONED INFORMATION IS AUTHENTIC TO THE BEST OF MY KNOWLEDGE.