ISHA DESAI
COMPUTER ENGINEER

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PROFILE

3rd year student of B.E. Computer Engineering (Mumbai University).
A data enthusiast, who loves to analyze and visualize the stories hidden in data.

SKILLS

- SQL
- Excel
- R
- DBMS
- JAVA
- Data Analytics
- Python
- Microsoft Power BI
- Tableau

EDUCATION

VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY
B.E. Computer Engineering 2020 - 2024
CGPI (Till 5th SEM: 9.78)

FR. AGNEL MULTIPURPOSE SCHOOL AND JR. COLLEGE
HSC, Science 2018 - 2020
MHT CET: 99.373%
JEE Main: 95.12%
HSC: 92.6%

ST. LAWRENCE HIGH SCHOOL
2005 - 2018
SSC marks: 96%

AWARDS

VIGILANCE AWARENESS WEEK DEBATE
Union Bank of India - Winner

EXPRESS-O-THON DEBATE
D J. Sanghvi College of Eng - First runner up

UTSAV'20 DEBATE
VESIT - Winner

HOBBIES

- Yoga
- Public Speaking
- Reading
- Dancing

EXPERIENCE

APPLICATION DEVELOPMENT INTERNSHIP
Vivekanand Education Society's Institute Of Technology   Jun 2022 - Jul 2022

The objectives of the internship were to develop:
- An Android application for storing the patient's health parameters, allergies, medications, records of medical history of family and generating prescriptions.
- An IoT-based system that monitors the body temperature, heart rate, and oxygen levels of the patients.

DATA MANIPULATION AND VISUALISATION INTERNSHIP
Capabl (from Elite Techno Groups)   Aug 2021 - Sep 2021

The main focus of this internship was to understand and implement:
- Python libraries like Pandas and NumPy for data manipulation.
- Data visualization in Python.

PROJECTS

A MELODIOUS ANALYSIS… ♫
https://medium.com/@ishadesai2112/a-melodious-analysis
A blog on my favourite singer Kishore Kumar, analyzing his professional life.
The data analysis tools used for the various stages are **Power Query** to import data from web pages, Microsoft Excel for cleaning, MySQL Workbench for analysis, **Tableau** for visualization.

SKINSPECTION
https://github.com/ISHA-2112/SkInspection
Project deploying a deep learning based model to an android application, detecting **7 types of different skin cancers.** The android app is developed using **Java** in Android Studio. **SQLite** is used in backend. The model is trained using **Convolutional Neural Networks** (CNN). **Image augmentation** techniques are used to avoid class imbalance. The quantization of the model is done using **TensorFlow Lite.**

GOOGLE-DATA-ANALYTICS-CAPSTONE-PROJECT
https://github.com/ISHA-2112/GOOGLE-DATA-ANALYTICS
Case study from **Google Data Analytics Professional Certificate.**The R programming language was used for Data cleaning. Data analysis was done using SQL. Tableau was used to create visualizations.

FIT4WIN
https://github.com/ISHA-2112/Fit4Win
App to facilitate efficient documentation and conveyance of information between the patient and the doctor. Developed using React Native. The data is stored in **NoSQL** form in **Firebase.**

ONLINE RAILWAY TICKET BOOKING SYSTEM
https://github.com/ISHA-2112/Online-Railway-Ticket-Booking
Application introducing the facility to store the past travel history and accessing it to rebook tickets. Made using Oracle database in the backed and Tkinter (Python) in the frontend .

SORTING VISUALIZER
https://github.com/ISHA-2112/SORTING-VISUALIZER
Website developed to aid students in quickly understanding the concepts of sorting algorithms and helping them to grasp the concepts easily through visual perception.