

Swarup Kharat

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EDUCATION

DYPIEMR, PUNE

B.E in Computer Engineering(3rd Year)

2024| Aggregate CGPA:8.23

B.H.Chate,Gaud-Dara

12th std

2022| Percentage:91.67

ST'ANNS,LONAND

10th std

2020| Percentage:91.40

LINKS

LinkedIn://

<https://www.linkedin.com/in/swarup-kharat-420105291>

SKILLS

PROGRAMMING

•Java •SQL •C++

WEB TECHNOLOGIES

HTML •JavaScript •Nodejs •Mongodb

FRAMEWORKS (BASICS)

•JDBC •React •Flask •OpenCV

TOOLS

•Visual Studio Code• Jupyter Notebook

ENGINEERING COURSES

- Object Oriented Programming
- Data Structures and Algorithms
- Database Management
- Machine Learning

DOMAIN OF INTEREST

•Machine Learning •Web Development

STATEMENT

I Like to analyse,solve problems and want to acquire more knowledge to solve real world problems. Currently learning concepts of Machine Learning and web development. Practicing Data Structures and Algorithms and exploring Competitive Programming.

PROJECTS

SIGN LANGUAGE RECOGNITION

(OpenCV,MediaPipe,Tensorflow,LSTM,Jupyter Notebook) [July 2023 - April 2024]

- Designed and implemented sophisticated Long Short-Term Memory (LSTM) networks for accurate and real-time sign language recognition, leveraging state-of-the-art machine learning techniques.
- Incorporated MediaPipe Holistic for precise hand and body pose estimation, enhancing the project's computer vision capabilities and ensuring robust sign language gesture detection.

DISEASE PREDICTION WEBSITE

(HTML,CSS,JAVASCRIPT,Flask,Numpy,Pandas,Scikit learn,Pickle) [September'2023-November'2023]

- Displays predicted probability of diseases (e.g., Diabetes, Heart issues, Parkinson's, Liver conditions,) based on the provided data
- Provides online prescription and health status. Contains patient dashboard and doctor dashboard

BrainNet(E-Learning Platform)(HTML,CSS,JAVASCRIPT)

[March'2023-April'2023]

- Developed interactive e-learning platform, allowing users to access course materials. Contains user and admin dashboards.
- Implemented quizzes, video lessons, and discussion forums, allowing users to actively engage with the course material.

E-Commerce Website

(HTML,CSS,JavaScript,React,NodeJS,ExpressJS,MongoDB)

- Implemented core eCommerce functionalities, including product browsing, shopping cart, order management, and secure checkout, providing a seamless user experience for online shoppers.
- Developed user-friendly product search and filtering systems, enhancing customer convenience and increasing conversion rates.

ACHIEVEMENTS AND CERTIFICATIONS

- Java Data Structures and Algorithms Masterclass certification by Udemy
- The Complete Python Bootcamp From Zero to Hero in Python certification by Udemy
- Published Research Paper on Sign Language recognition and translation to English and Marathi
- The Complete JavaScript Course
- Node.js, Express.js, React, MongoDB Bootcamp
- Active on Multiple Programming platforms