SABA NAVEED

SOFWARE DEVELOPER

ABOUT

Aspiring tech enthusiast passionate about Software Development, Machine Learning Engineering and Web Development, eager to learn and grow in the industry, Whether it's discussing technology trends, potential collaborations, or sharing experiences, I'm thrilled to connect with like-minded individuals.

CONTACT

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EDUCATION

Bachelors in Computer Science

Iqra University   Graduating June 2024

Relevant coursework

Data Science

Mobile Application development

Data structures and algorithms

Artificial Intelligence

PROJECTS

Movie Recommender System
Python | Scikit | Pandas | Numpy | Streamlit

Movie recommender system that employs a content based filtering approach

Vectorization for the transformation of textual data.

Streamlit framework for the front end and integrates the TMDB API to fetch movie posters

OpenCV Projects
Python | OpenCV | computer Vision

Virtual Mouse: Controls cursor movement by tracking the movement of index finger

Virtual speaker Controller: Controls the speaker volume by tracking combined movement of thumb and index finger

Virtual painter: Paint application that allows user to draw on blank canvas with by tracking movement of hands

Laptop Price Prediction
Python | Scikit | Pandas | Numpy | Regression| Streamlit

Predicts the prices of laptop based on the model of CPU, RAM, GPU and screen res.

Achieved upto 89% accuracy based on different regression techniques like SVR, KNeighborsRegressor, DecisionTreeRegressor.

Streamlit for front-end

Desktop Virtual Assistant
Python3 | Voice Assistance

Desktop voice assistant made with python.

Performs tasks like emailing, turning off the system, googling, etc. with just user's voice

House Price Prediction
Python | Scikit | Pandas | Numpy | Regression | Flask

Predicts the prices of houses and buildings based on sq.ft area and location.

Achieved upto 85% accuracy using Linear Regression

Flask for front-end

Spam Message Identifier
Python | Scikit | Pandas | Numpy | Classification| Streamlit

Classification project for spam SMS identifier that checks if messages are scam or not.

Vectorization for text classification

Acheived upto 95% accuracy using LogisticRegression, SVC, DecisionTreeClassifier, RandomForestClassifier

Streamlit for front-end

Gym Application
ReactJs | MaterialUI | front-end | API

responsive gym app 'At-Home Fitness' created on ReactJS and materialUI.

Fetches data with the help of 'ExerciseDB' and 'Youtube Search & Download' API.

Allows users to browse over thousands of exercises along with visual representation and recommendations.

Finance Tracking Application
ReactJs | MongoDB | MERN | styled-components

Responsive MERN Finance Tracking application

ReactJs and styled-components for front-end

MongoDB for back-end

Allows user to manage income and expenses and shows graphical respresentation of all the transactions

SKILLS

WEB DEVELOPMENT: HTML & CSS, ReactJs, NodeJs, JavaScript,

MACHINE LEARNING: Scikit-learn, Numpy, Pandas, Matplotlib, Python

OTHERS: Java, OpenCV, MySQL, MongoDB

INTERESTS

ML | AI

Deep Learning

Backend Develeopment