SOHAM KALGUTKAR

COMPUTER ENGINEERING STUDENT

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https://github.com/Soham-droid-pixel

EDUCATION

2023-2027
FR CONCEICAO RODRIGUES COLLEGE,BANDRA

- BE Computer Engineering
- CGPA:9.68

2021-2023
PIONEER JUNIOR COLLEGE,DADAR

- MHT-CET Percentile:96.767
- 12th HSC Board: 82%

SKILLS

- Data Science
- Machine Learning
- Front-end Development
- C programming
- Project Management
- Teamwork
- Effective Communication
- Public Relations

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Marathi (Fluent)
- German (Basics)

PROFILE

I am a passionate computer engineering student with expertise in machine learning, data science, and frontend development using React.js and TailwindCSS. Currently, I am expanding my skill set by learning backend development. Driven by a passion for technology, I aim to build innovative and impactful solutions that solve real-world problems.

PROJECTS:

Amazon Recommendation System

- AmazonX is a recommendation engine that analyzes user behavior and data to suggest personalized products. It utilizes browsing history, abandoned cart items, KMeans clustering, and seasonal trends to offer dynamic, tailored recommendations, enhancing the shopping experience.

Stock Price Prediction

- This project focuses on building a stock price prediction system using the ARIMA (AutoRegressive Integrated Moving Average) time-series forecasting model. The model leverages historical stock price data to make future predictions. To make the system user-friendly, an interactive Gradio interface is developed, enabling users to input parameters and visualize predictions effortlessly.

Housing Price Prediction

- This project predicts housing prices using machine learning and a Streamlit web app. The model is trained on historical data with features like location, size, and bedrooms, using algorithms like Linear Regression or Random Forest. The Streamlit interface lets users input property details to get instant price predictions, with visualizations to help understand the model's performance. This tool is useful for homebuyers, agents, and analysts.

ACHIEVEMENTS

Patent Published on 6 December,2024:
Project Kitchen Automate:Application Number:202421088815A
IoT and AI based Smart Kitchen Trolley for Inventory Management and Recipe Generation