Siddhant Mishra

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🔗 https://mishrasiddhant001.github.io/Siddhant-Portfolio/ ⦿ https://github.com/mishrasiddhant001

EDUCATION

United College of Engineering and Research   12/2020 – 06/2024
Bachelor of Technology in Computer Science and Engineering   Prayagraj, India
CGPA: 7.37/10 (Till 7th semester)

PROFESSIONAL EXPERIENCE

Presdient For UGI Toastmasters 🔗   07/2023 – 12/2023

TECHNICAL SKILLS

- Programming languages: Java, HTML5, CSS3, Python, React, MySQL, JavaScript, C, Machine Learning
- Technologies/Frameworks/Libraries: React.js, React Native, Numpy, Pandas, Matplotlib, OpenCV, Random Forest Regressor, Keras, TextBlob, Seaborn, Scikit-Learn,NLTK (Natural Language Toolkit), CountVectorizer, Classification Report, Confusion Matrix and Accuracy Score
- Databases: MySql
- Developer Tools: VS Code, Jupyter Notebook/ Google Colab, Git, Github, Postman(Basic)
- Relevant Coursework: Data Structure and Algorithms, Machine Learning Algorithms, Database Management System

PROJECTS

Stock Sentiment Analysis using News Headlines 🔗
- Implemented an advanced sentiment analysis model using Python to predict stock market movements by analyzing news headlines. Leveraged Natural Language Processing (NLP) techniques and Long Short-Term Memory (LSTM) networks to develop a predictive system that achieved an accuracy of 89%.
- Implemented incliued preprocessing and algorithms like Long Term Short Memory, Adam Optimizer and L2 Regularization.
- Libraries being used are Pandas, TextBlob, NLTK (Natural Language Toolkit), Keras, Scikit-learn, Matplotlib and Seaborn ,Classification Report, Confusion Matrix, Accuracy Score.

Predicting gold prices using random forest regressor 🔗
- Utilizes data analysis and machine learning techniques to predict gold prices
- Data manipulation using Pandas
- Implementation using Scikit-Learn and Random Forest Regressor.
- Data visualization with Matplotlib and Seaborn

Portfolio 🔗
- Developed a personal portfolio website to showcase myskills. Utilized React for building interactive and dynamic user interfaces.
- Technologies Used: React, JavaScript, HTML, CSS
Github:- Siddhant-Portfolio 🔗

Tic Tac Toe Game in Java 🔗
- Java program utilizes 2D arrays, conditionals, loops, user input, and random number generation to create a classic Tic Tac Toe game.
- Players compete against the computer, making moves, checking for wins or ties, and playing multiple rounds.

JavaScript To-Do List App 🔗
- JavaScript based To-Do List application with functionality to add, delete, and clear items using local storage.

CERTIFICATES

- Supervised Machine Learning: Regression and Classification - Coursera 🔗
- Postman - Intro to APIs - Coursera 🔗
- Java (Basic) - Hackerrank 🔗
- Python by Google - Coursera 🔗
- SQL (Intermediate) - Hackerrank 🔗
- Python (Basic) - Hackerrank 🔗
- HTML & CSS - Certification Course For Beginners - Udemy 🔗
- Sql (Basic) - Hackerrank 🔗

HOBBIES

- Reading Novels and Poetries

EXTRACURRICULAR

NSS (National Service Scheme) Volunteer for 2 years

TRAINING

- Machine Learning with CodingBlocks
- Summer Training in core Java
- Summer Training Full Stack with IBM