Roushan Kumar

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EDUCATION

HERITAGE INSTITUTE OF TECHNOLOGY   july 2019 - July 2023
B.Tech Civil Engineering   Kolkata
CGPA: 8.6

SKILLS

Programming Languages	python, java, javaScript, c++
Libraries/Frameworks	HTML, CSS, JavaScript, React.js, Node.js, express.js, scikit-learn, matplotlib, numpy, and pandas
Databases	MongoDB, RDBMS, SQL

PROJECTS / OPEN-SOURCE

TEXTUTILS:REACT APP | Link   HTML, CSS, JavaScript, React, Bootstrap

- Developed TextUtil: Dynamic and user-friendly web app for text manipulation and analysis using HTML, CSS, JavaScript, and React.
- Key Features:
  1.Text Transformation: Convert text between uppercase and lowercase effortlessly.
  2.Text-to-Speech: Enhance accessibility by converting text to audible speech.
  3.Copy to Clipboard: Streamline copying and pasting of modified text.
  4.Word & Character Count: Accurately assess text length for various purposes.
  5.Reading Time Estimation: Estimate reading time based on average reading speed.
- Valuable for: Text formatting, accessibility, and text analysis tasks.
  Ideal for: Individuals with visual impairments, content creators, and professionals.

TODO_LIST | Link   HTML, CSS, JavaScript

- Created To-Do List App: Developed a task management web app.
- Features:
  1.Task Storage: Store tasks using local storage.
  2.Task Completion: Mark tasks as completed.
  3.Task Deletion: Delete tasks as needed.
- Persistence: Data remains after tab refresh or restart.

DOG'S TINDER(TINDOG) | Link   HTML, CSS, bootstrap

- Tindog Website: Developed a responsive web app using HTML, CSS, and Bootstrap.
- Learning Source: web development bootcamp led by Dr. Angela Yu.
- Features:
  1.User-friendly Design: Utilized Bootstrap for responsive and visually appealing layout.
- Result: Created a functional and user-friendly platform for dog enthusiasts to connect.

HOUSE_PRICE_PREDICTOR-ML_PROJECT | Link   Python Library:-sklearn, matplotlib, numpy, pandas

- Created a machine learning project on Jupyter Notebook to predict house prices.
- Utilized ML Libraries: Employed scikit-learn, matplotlib, numpy, and pandas for data analysis, model training, and evaluation.
- Key Points:

1.Regression Techniques: Implemented regression algorithms to predict house prices.

2.Data Visualization: Generated graphs to visually analyze data and extract insights.

3.Real-world Application: Addressed practical problems using machine learning.

- Outcome: Developed skills in regression, data analysis, and machine learning model evaluation.

ROUSHAN-CSS | Link   HTML, CSS, BootStrap 5

Created personal website using HTML,CSS and BootStrap,Done nice styling and added dynamic pictures

TIC_TAC_TOE | Link

- Constructed a game using HTML, CSS, and JavaScript.
- Notable Features:

1.Interactive: Developed a playable game with user-friendly interface.

2.Reset Functionality: Incorporated a functional reset button for game replay.

3.Audio and Animation: Added sound effects and winning animations for enhanced experience.

- Result: Demonstrated proficiency in front-end technologies by creating an engaging and functional game.

CERTIFICATIONS

- Full Stack Web Developer - udemy.
- Fundamentals of Digital Marketing - Google.
- 5 Star in java - Hacker Rank.

HONORS & AWARDS

- Solved 300+ leetcode questions
- solved 1000+ DSA questions on different platform