JHANSI RANI M M

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CAREER OBJECTIVE: Seeking an entry-level position in software development where I can leverage my technical skills to contribute positively to the team while continuously learning and growing in dynamic professional environment.

SKILLS:

JAVA | HTML | CSS | JAVASCRIPT | PYTHON

PROJECTS:

- ❖ **Tamper Trace – Image tampering detection and localization using MD5 Algorithm:** It is a tool which can be used to highlight the tampered regions in an image by leveraging the use of message-digest hashing algorithm and Image processing library.
  Technologies: Python, OpenCV and Tkinter.
- ❖ **Mystery Number Game:** It demonstrates the use of Event Listeners to handle form events and implement game logic. It conditionally handles invalid input and updates value on each submit event.
  Technologies: JavaScript, Html, CSS.
- ❖ **BMI Tracker:** It demonstrates the use of DOM (Document Object Model) to capture the user input from html forms, handle NaN values and also calculate BMI.
  Technologies: JavaScript, Html, CSS.
  Technologies: Python, NumPy, Pandas, Matplotlib, Scikit learn and Streamlit.
- ❖ **Palette Picker:** It demonstrates handling of 'click' event on buttons of various colours and manipulation of DOM by changing the background colour when clicked.
  Technologies: JavaScript, Html, CSS.
- ❖ **Predicting purchase behaviour based on social media ads:** A Machine Learning model that predicts if a customer would buy the product or not based on K-Nearest Neighbour (KNN) classification algorithm.

EDUCATION:

- ❖ **Bachelors in Computer Science and Engineering**   *2020 - 2024*
  Adhiyamaan College of Engineering, Hosur.   *CGPA – 8.07*
- ❖ **XII - Higher Secondary Education**   **2019 -** *2020*
  St. Joseph's Hr.Sec. School, Hosur.   *Percentage-74%*
- ❖ **X – Secondary School Education**   **2017 –** *2018*
  St. Joseph's Academy, Hosur.   *Percentage-90.2%*

ACHIEVEMENTS:

- ❖ Bagged the 1st prize at the district level CYBERCRATS HACKATHON 2023 hosted by Cyber Crime wing, Krishnagiri, Tamil Nadu.
- ❖ Earned a 5-star ranking on Hacker Rank in python showcasing problem solving skills.

TECHNICAL TRAINING AND WORKSHOP:

- ❖ Data Science Implant training | Rinex Technologies, Bengaluru   (10 Jan-24 Feb 2023)
- ❖ Workshop on Image Processing with Machine Learning   (11 Oct-18 Oct 2022)