Robin Sukhdeve

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Technical Skills

Languages: Java, Python, Object-Oriented Programming, Data Structures and Algorithms, SQL, HTML, CSS, JavaScript
Libraries: Tailwind, Bootstrap
Technologies & Tools: Git, GitHub, DBMS, Visual Studio
Libraries: pandas, NumPy, Matplotlib

Experience

EDULYT INDIA, Delhi   Jan. 2024 – Jun. 2024
Data Analyst Intern
- Analyzed and interpreted complex data sets to assist in decision-making processes.
- Developed data visualizations and reports to present findings to stakeholders.
- Collaborated with the team to enhance data collection and processing methodologies.

Internpe, Rajasthan   Oct. 2023 – Nov. 2023
Java Programming Intern
- Gained mastery in problem-solving techniques through hands-on experience with software development practices.
- Contributed to code optimization projects and refined coding practices.
- Collaborated with the development team virtually to improve software performance.

Projects

Personal Portfolio Website | Portfolio | GitHub   Aug. 2023
- **Technologies used:** HTML, CSS, JavaScript
- Designed and developed a personal portfolio website to showcase projects, skills, and experience.
- Implemented responsive design techniques to ensure an optimal user experience across different devices.
- Enhanced interactivity with JavaScript, including animations and dynamic content updates.

Sorting Algorithm Visualizer | Live Demo | GitHub   Jan. 2024
- **Technologies used:** HTML, CSS, JavaScript, Tailwind
- Developed a web-based tool to visualize the step-by-step execution of various sorting algorithms such as Bubble Sort, Quick Sort, Merge Sort, Insertion Sort, Selection Sort, and Heap Sort.
- Implemented dynamic, animated visualizations to enhance user understanding of sorting algorithms.
- Built an intuitive user interface with interactive controls to select algorithms, adjust the speed, and manipulate input size.

Forest Fire Detection using CNN | GitHub   Dec. 2023
- **Technologies used:** Python, OpenCV, TensorFlow/Keras
- Developed a forest fire detection system using a Convolutional Neural Network (CNN).
- Implemented data preprocessing, model training, and real-time webcam integration
- Designed the CNN architecture to effectively recognize fire patterns from diverse datasets.
- The system triggers alerts upon detecting fire, ensuring timely responses to potential incidents.

Education

G H Raisoni College of Engineering, Nagpur   Sep. 2020 – Jul. 2024
Bachelor of Technology in Electronics Engineering   **CGPA**: 7.61/10

VMV College, Nagpur   Jul. 2019 – Jan. 2020
Higher Secondary (HSC), Maharashtra State Board   **Percentage**: 73.38%

Awards and Certifications

- For a comprehensive list of awards and certifications, please visit my website: Awards and Certifications.