Lakshmi Lavanya

Software Developer

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SUMMARY

Final-year Computer Science student specializing in Data Science, skilled in **Python**, **Java**, **JavaScript**, **C**, **HTML**, **CSS**, and **Git**. Passionate about using data analysis and machine learning to drive insights and innovation.

EDUCATION

KKR & KSR Institute of Technology and Sciences - *B.Tech, Data Science - GPA: 8.5* **Nov 2021 - Present**

Sri Chaitanya Junior College - *Intermediate, PMC - GPA: 9.6* **Aug 2019 - Mar 2021**

Naveena High School - *Secondary School Education, X - GPA: 9.8* **Aug 2018 - Apr 2019**

SKILLS

Programming Languages	**:**	Python, Java, C, JavaScript
Database	**:**	SQL, MongoDB
Markup Languages	**:**	HTML
Styling Languages	**:**	CSS, Bootstrap
Others	**:**	Git, Vscode

PROJECTS

Personal Portfolio, Link **Jun 2024 - Jul 2024**

- Developed a fully responsive, mobile-friendly portfolio using HTML, CSS, and JavaScript, ensuring cross-browser and device compatibility.
- Employed semantic HTML5 tags to enhance the structure and accessibility of the website for better SEO performance.
- Used modern CSS3 techniques, including Flexbox and Grid, to create a clean, flexible layout that adapts seamlessly to different screen sizes.
- Integrated JavaScript to add interactive elements, such as smooth scrolling, modals, and dynamic content, improving user experience and engagement
- Implemented performance optimization techniques, such as lazy loading and minification of assets, to ensure faster page load times.

Todo Web App, Link **Aug 2024 - Aug 2024**

- Built a fully functional To-Do application with Create, Read, Update, and Delete (CRUD) operations to manage tasks dynamically.
- Developed a user-friendly, responsive interface using HTML5, CSS3, and JavaScript, making the app accessible on both desktop and mobile devices.
- Utilized JavaScript to manage user interactions, ensuring smooth updates and task manipulation without page reloads.
- Implemented local storage to persist tasks even after browser reloads or app restarts, providing users with continuity across sessions.
- Applied basic UI/UX principles to create a clean and intuitive design, focusing on ease of use and task management efficiency.

Segregation of Videos Based on Emotions I Machine Learning, Al, Deep Learning

- Developed a system that categorizes videos based on emotions such as sadness anger. and happiness using advanced techniques in Deep learning, Al, and Machine Learning
- Implemented data visualization tools, including bar graphs and histograms, to represent the distribution a videos across different emotions, enhancing user understanding and analysis
- Enabled easy access and identification of videos by amotion, improving user experience the rough organized and intuitive video categorization.
- Utilized cutting-edge technologies in deep learning and machine learning to accurately anaIyze and classify emotional content in videos, demonstrating proficiency in Al-driven solution

CERTIFICATIONS

Data Visualization with Python, Cognitive class.ai

SQL for Data Science, Great Learning

Python for Data Science, AI & Development, Coursera

HTML & CSS Fundamentals, Great Learning