Kshatriya Madhuvani

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**Objective**

Results-driven Computer Science graduate with strong analytical and problem-solving skills. Passionate about software development, data structures, and algorithms. Eager to apply technical expertise to build scalable solutions in a dynamic environment.

**Education**

**Bachelors of Technology at Sree Vidyanikethan Engineering College,2025 CGPA: 9.44/10 Projects**

**Speech Emotion Recognition using MFCC and CNN | Python**

* Developed an end-to-end machine learning pipeline for emotion detection from human speech using Python. The goal was to classify audio clips into emotional categories such as happy, sad, angry.
* Extracted Mel-Frequency Cepstral Coefficients (MFCC) and other relevant audio features to represent the temporal and spectral properties of audio signals..Implemented CNN to enhance prediction accuracy.

**Blogging Website | HTML5, CSS3, JavaScript**

* Designing an intuitiveUI/UX for users to easily navigate through posts, categories, and comments.
* Ensuring responsive design to make the website accessible across all devices, from desktops to mobile phones.

**Technical Skills**

* **Programming Languages:** Java, Python, C, C++
* **Web Technologies:** HTML, CSS, JavaScript
* **Databases:** MySQL
* **Tools & Platforms:** Git, AWS, Linux
* **Concepts:** Data Structures and Algorithms, Machine Learning, Operating Systems, OOPS.

**Internships & Experience**

**Software Developer Intern | [Salesforce]**

* + Developed RESTful APIs using NodeJS for enterprise applications. Collaborated with senior engineers to integrate AI-driven recommendations into applications. Contributed to enhancing business intelligence dashboards with real- time analytics.

**Certifications**

* Cisco certification in Cyber Security Introduction and essentials.
* Certification from Google in Cyber Security (Coursera).
* Certification in Python programming from Hackerrank.
* Cisco certification in Data Science.

**Extra-curricular Activities**

* **Drafting Team Lead, ISTE** (Indian Society for Technical Education): Spearheaded the organization of

80+ technical and non-technical events across campus, enhancing event outreach and participation.

* **Public Relations Co-ordinator** in Mohana Mantra.

**Additional Links**

* Leetcode :

Profile : <https://leetcode.com/Madhuvani_Kshatriya/>

* HackerRank :

Profile : <https://www.hackerrank.com/profile/madhuvani709>

* GitHub ;

Profile : <https://github.com/MadhuvaniKshatriya>