SANDESH C

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Bengaluru, Karnataka - 560091, India

OBJECTIVE

Final year Information Science Engineering student with skills in Java, Python, HTML, CSS, JavaScript, and MySQL.Passionate about full-stack web development with strong problem-solving and software engineering abilities.

EDUCATION

- **JSS Academy of Technical Education** *December 2022- Present*
  B.E. in Information Science and Engineering Bengaluru, India
  ◦ CGPA: 8.1

- **ASC PU College** *2022*
  Pre-University Education Tollgate,Banglore
  ◦ Grade: 67.16%

- **Sri Krishna International Public School** *2020*
  Secondary Education Hegganahalli cross, bengaluru
  ◦ Grade:75.36%

SKILLS

- **Programming Languages:** C, Java, Python (Basics)
- **Web Technologies:** HTML, CSS, JavaScript, Angular, Express JS, Node JS
- **IT Constructs:** DSA, OOPS, DBMS, OS
- **Database Systems:** SQL, MySQL
- **Tools / Platforms:** Git, GitHub, VS Code, IntelliJ IDEA

PROJECTS

- **Project A: [cursor control using hand gestures]**
  Tech Stack: [Python,openCV,MediaPipe,Machine Learning] [O]
  ◦ Designed and implemented a gesture-controlled interface to navigate online courses using real-time hand tracking.
  ◦ Utilized Python, OpenCV, and MediaPipe for accurate hand gesture recognition and control mapping.
  ◦ Integrated gesture-based commands for play, pause, next, and previous actions in course content
  ◦ Tested and optimized system performance to ensure low-latency and high accuracy across various lighting conditions.

- **Project B: [Stress Detection System]**
  Tech Stack: [Python, Machine Learning] [O]
  ◦ Built a machine learning-based system to detect stress levels using input text and EEG signal data from a publicly available dataset.
  ◦ Performed data preprocessing, feature extraction, and model training using algorithms like Random Forest, SVM, and Logistic Regression.
  ◦ Focused on improving model accuracy through evaluation metrics and optimization techniques

- **project c:[Rice grain detection]**
  Tech Stack:[python,openCV,NumPy,Pandas] [O]
  ◦ Developed a computer vision system to detect and analyze rice grains from high-resolution images.
  ◦ Applied OpenCV and Python for image preprocessing, contour detection, and grain segmentation.

CERTIFICATIONS

  ◦ **Data Structures and Alogorithms from pwskill**
  ◦ **Java programming language from pwskills**
  ◦ **Data Analytics Using PowerBI Tools**
  ◦ **Foundtions of Cybersecurity from coursera**

ACHIEVEMENTS

  ◦ Solved 150+ problems across all coding platforms. Profiles - GeeksForGeeks, LeetCode

ACTIVITIES

  ◦ Represented college in Inter-Collage kabaddi.
  ◦ Achieved State-level kabaddi Champion title once and District-level kabaddi Championship twice during school years.