Janagama Sri Sai Arun

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OBJECTIVE

COREJAVA | MERN | HTML | CSS | JS | MACHINE LEARNING | DEEP LEARNING | COMPUTER VISIPON

AI & Data Science student with a strong foundation in software engineering, full-stack development, and machine learning. Skilled in the MERN stack, Python, and Java, with hands-on experience in building scalable web applications and data-driven solutions. Passionate about leveraging technology to solve real-world problems through innovative and analytical approaches. Seeking an internship opportunity to apply technical expertise, contribute to impactful projects, and further enhance my skills in AI and software development.

EDUCATION

Bachelor of Technology – AI & DS **2023(present)**

KLH Deemed to be University (CGPA%-8.98)

Intermediate- MPC **2021-2023**

Narayana Junior College (CGPA%-9.27)

SSC – 10th **2020-2021**

Cardinal Gracious High School (CGPA%-10)

PROFESSIONAL SKILLS

- **Programming Languages:** C, Java, Python
- **CS Fundamentals:** Data Structures & Algorithms (DSA), (OOP)
- **Frontend Technologies:** HTML, CSS
- **Databases:** MySQL, MongoDB
- **Version Control:** Git, GitHub
- **Machine Learning:** `Data Science, Model training`
- **`Web Development:`**`MERN stack, Django`

PROJECTS

- **Hairstyle AI – Face-Preserving Hair Inpainting** **View Repo**
  - Developed an AI-based web application that allows users to virtually try different hairstyles using face-preserving image inpainting techniques.
  - Utilized Stable Diffusion and OpenCV to edit only the hair region while keeping facial features intact.
  - Implemented prompt-based hairstyle generation where users can specify styles (e.g., "short curly brown hair") and view real-time visual results.
  - Built a user-friendly interface enabling photo upload, prompt input, and hairstyle visualization seamlessly

- **AVL Tree Visualizer** View Repo
  - Developed an interactive AVL Tree Visualizer using HTML/CSS, JavaScript, and Canvas API to demonstrate self-balancing tree logic through real-time LL, RR, LR, and RL rotations. The application features dynamic node rendering and rebalancing animations to bridge complex algorithmic theory with a responsive, modern web interface.

- **Car Rental Website** View Repo
  - Built a fully responsive web platform for car rentals with booking and payment integration.
  - Implemented animations and optimized UI for a seamless user experience.

- **Voice-to-Text Conversion System** View Repo
  - Created a system that converts WAV audio files to text using Google Speech API with high accuracy.
  - Enabled real-time speech recognition for better accessibility and usability.

CERTIFICATIONS

- Certified Advanced Automation Professional by Automation Anywhere
- MongoDB Certified Associate Developer
- GitHub Foundations
- Certificate of Excellence by OpenCV Bootcamp
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STRENGTHS

- Self-motivator & Able to perform under pressure
- Quick Learner & Adaptive Mindset

SOFT SKILLS

- Problem Solving Skills
- Leadership
- Teamwork

LANGUAGE COMPETENCIES

Telugu: Native language, English: Fluent (Speaking, Reading, Writing)