




SANJANA KUMAR

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Technical Skills

Programming Languages: Java

Frontend Skills: HTML, CSS, JS, BOOTSTRAP

Database: MySQL

ML Tech Stacks: NLP, ANN

Soft Skills: Problem-Solving, Teamwork, Time Management, Logical Reasoning, Strong Communication

Experience

e-Swara Technologies

Oct. 2023 – Nov. 2023

Frontend Developer

- Led the frontend development of an excess food donation web app using HTML, CSS, JavaScript.
- Managed task delegation, code reviews, and project timelines as a team leader.
- Collaborated with the backend team to integrate APIs and ensure seamless functionality.

Certifications

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Recognized for my extensive knowledge and expertise.

- Postman API Fundamentals Student Expert Badge by Postman [\[link\]](#)
- Full Stack Web Development by e-Swara Technologies
- Web Development by e-Swara Technologies

Projects

Job and Learning Resource Recommendation System | *Flask, ANN, NLP, HTML, CSS, JS*

[\[Link\]](#)

- Implemented a process for recommending jobs and learning resources using NLP and ANN.
- Applied tokenization, TF-IDF for feature extraction, and skill matching using Cosine Similarity.
- Built an ANN model with ReLU and Softmax activation functions to enhance recommendation accuracy.

Excess Food Web App | *HTML, CSS, JS, MySQL, PHP*

[\[Link\]](#)

- Designed a platform to reduce food waste by connecting donors with surplus food to individuals in need.
- Enabled real-time listing, claiming, and donations of excess food, contributing to sustainability and logistics management.

Image Cartoonizer Web App | *Flask, OpenCV, HTML, CSS, JS*

[\[Link\]](#)

- Built a web application to transform images into cartoon-like visuals using Flask and OpenCV.
- Implemented advanced image processing techniques for seamless cartoonization with real-time processing.
- Integrated features such as easy image upload and direct download to enhance user experience.

CSE Department Website | *Flask, OpenCV, HTML, CSS, JS*

[\[Link\]](#)

- Responsive Web Design: Developed a fully responsive CSE department website using HTML, CSS, and JavaScript, ensuring compatibility across various devices and screen sizes.
- Dynamic Content Integration: Implemented dynamic content features, including event updates and faculty profiles, utilizing JavaScript to enhance user interaction and engagement.
- Integrated features such as easy image upload and direct download to enhance user experience.

Position of Responsibility

Community Lead for Section in Dept CSE

- Leadership: Guided and managed a class of [number] students, fostering a positive and productive learning environment.
- Event Management: Organized class activities, events, and group discussions, encouraging active participation.

Education

Adichunchanagiri Institute of Technology

Dec. 2021 – Apr. 2025

Bachelor of Engineering- Computer Science and Engineering; CGPA: 6.92

Karnataka, India