

Sanjay K J

Aspiring Software Development Engineer

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Education

Vidyavardhaka College of Engineering	2020 - present
- Currently pursuing B.E in Computer Science Engineering with CGPA 8.16	
Alpha PU College	2018 - 2020
- Graduated 12th with 88.17%	
B S Madappa Memorial High School, K R Nagar	2015-2018
- Graduated 10th with 90.88%	

Projects

Chatbot application using Natural language toolkit

- Developed a retrieval-based chatbot that can answer questions about the universe using Python's NLTK library and a TF-IDF approach.
- The knowledge base contains over 10,000 sentences extracted from Wikipedia and is constantly being updated.
- The chat can also respond to common greetings with appropriate and friendly responses.

Sorting Algorithm Visualization using Pygame

- Developed a dynamic sorting algorithm visualization tool using the Pygame library .
- It provides an interactive and visual representation of sorting algorithms operations.
- The application supports Bubble Sort and Insertion Sort algorithms and allows users to observe the step-by-step execution of sorting processes.

Chrome Extension Project

- Developed a Chrome extension for efficient management of user-favorite website links, streamlining link addition, access, and removal within the Chrome browser environment.
- Designed an intuitive user interface facilitating easy link saving from input or the current tab, promoting organized storage and bulk link deletion.
- Proficiently utilized JavaScript, HTML, CSS, local storage, and the Chrome API to ensure a responsive user experience, showcasing expertise in web technologies.

Certifications

- Essential Google Cloud Infrastructure by Google Coursera.
- Data Science and AI and ML course from upgrad.

Achievements

- Won third place in Techniquize conducted by ACM student chapter .
- Won first place in an interdepartmental chess championship - 2023 held in VVCE.
- Participated in IEEE national-level ideation.

Skills

- **Languages** : Python, JavaScript, HTML, CSS, C, SQL.
- **Version control System** : Git
- Problem Solving Skills .