

UPENDRA REDDY S

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portfolio



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supendrareddy



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Projects

Maze Solver Using Graph Algorithms

React.js

PATH-FINDING VISUALIZATION

Github

- Created a dynamic single-page application using popular React.js.
- Visualization tool that show cases prominent pathfinding algorithms, include A-Star, Dijkstra, Depth-First Search and Breath-First Search.
- Incorporated user-friendly features like the ability to add walls and effortlessly move start and end nodes

Sorting Visualizer

Java

SORTING VISUALIZER

Github

- Designed a Java-based sorting visualizer project featuring a diverse range of sorting algorithms including Bubble Sort, Quick Sort, Merge Sort, Insertion Sort, Selection Sort, Heap Sort.
- That allows to observe and comprehend sorting algorithms through real-time visualization.
- Enabled to customize sorting experiments by adjusting data sizes, sorting speeds and algorithm selections.

Chatify

React.js, Firebase

REALTIME CHAT APPLICATION

Github

- Designed a dynamic chat application using React.js and firebase, enabling users to engage in real-time conversations.
- Firebase to handle user authentication, database management and real-time messaging ensuring a secure and efficient chat experience.
- Used React-Router to turn the application into Single Page Application.

Technical Skills

Strongest Areas

Data Structures, Algorithms

Programming Languages

Java , Javascript

Libraries/Frameworks

React.js, Git, HTML5, CSS3

Database

SQL

Work Experience

Let's Grow More

Remote

FRONTEND DEVELOPER INTERN

Dec 2021- Jan 2022

- Worked on the development of E-commerce website and created features to enhance the user experience.
- Translated designs and wireframes into a highly responsive user interface and reusable components using React.js.
- Ensured the website's compatibility across various devices and screen sizes, delivering a consistent and user-friendly experience.

Education

Bharath Institute Of Higher Education And Research

Chennai, India

COMPUTER SCIENCE AND ENGINEERING

June. 2019 - May. 2023

- 8.9/10

Certifications

- Java
- Data Structures and Algorithms
- DBMS
- Web Development

Competitive Coding

Online Platforms

Hacker-Rank

Geeks-for-Geeks