# KESARAPU SURYA VENKAT

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## EDUCATION

- **National Institute of Technology, Silchar** — Assam, India
  *Bachelor of Technology - Computer Science and Engineering ; CGPA: 9.06* — *July 2020 - June 2024*

- **Tirumala Junior College** — Rajahmundry, Andhrapradesh
  *Senior Secondary Education ; Score: 96.0* — *July 2018 - June 2020*

- **Tirumala High School** — Rajahmundry, Andhrapradesh
  *Secondary Education ; CGPA: 10* — *June 2017 – May 2018*

## PROJECTS

**WAY FINDER** [Project Link] [GitHub Link]

- Developed a path finding visualizer using React, HTML, and Bootstrap, implementing Dijkstra's algorithm.
- Designed an interactive grid-based interface enabling users to manually add walls and visualize the shortest path between a fixed start and end node.
- Utilized algorithmic logic to calculate the optimal path, avoiding blocked areas, and displayed the final node or indicated if no path was available.
- Demonstrated proficiency in front-end development, problem-solving, and algorithm implementation through the completion of this project.

**KEEP SAFE** [Project Link] [GitHub Link]

- Developed "Keep Safe," a secure notes application using HTML, CSS, and JavaScript.
- Implemented a user-friendly interface allowing users to create notes with titles and content, search for specific notes based on text, and delete notes as needed.
- Ensured data security by implementing appropriate measures to protect user notes and maintain confidentiality.
- Demonstrated proficiency in front-end web development, user interface design, and JavaScript programming through the successful completion of the "Keep Safe" project.

## SKILLS

- **Languages**: C, C++, JavaScript, SQL
- **Frameworks**: ReactJs, TailWind CSS, Bootstrap, NodeJS
- **Tools**: GIT, MySQL
- **IT Constructs**: Object Oriented Programming, Data Structures And Algorithms, DBMS
- **Soft Skills**: Leadership, Event Management, Writing, Time Management

## ACHIEVEMENTS

- Qualified For **SemiFinals** In FLIPKART GRID 4.0 Software Development Challenge, 2022
- **3-Star** in Codechef, **PUPIL** in Codeforces
- Solved more than **1000** problems across various coding platforms
- Global Rank -**2848** / 28k+ (Top 10 Percent) in Codeforces Round 773 (Div 2)
- Global Rank - **3293**/ 42k+ (Top 8 Percent) in Codeforces Round 804 (Div 2)

## CODING PROFILES

- GeeksForGeeks
- CodeForces
- LeetCode

## INTERESTS

- Competetive programming
- Kho-Kho,Badminton
- Artificial Intelligence

## Languages

- **Telugu** – Native Proficiency
- **Hindi** – Proficient: Understanding, Intermediate Speaking
- **English** – Proficient: Understanding and Speaking