Kesarapu Surya Venkat

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EDUCATION

- **National Institute of Technology, Silchar** — Assam, India
  Bachelor of Technology - Computer Science and Engineering ; CGPA: 8.97 — *July 2020 - May 2024*
- **Tirumala Junior College** — Rajahmundry, Andhrapradesh
  Senior Secondary Education ; Percentage: 96% — *July 2018 - June 2020*
- **Tirumala High School** — Rajahmundry, Andhrapradesh
  Secondary Education ; Percentage: 95% — *June 2017 – May 2018*

SKILLS

- **Languages** : C, C++, JavaScript
- **Frameworks** : React JS, Node JS, Express JS, Tailwind CSS, Bootstrap, MongoDB
- **Developer Tools** : Git, GitHub, VS Code, MySQL
- **IT Constructs** : Data Structures and Algorithms, Object Oriented Programming
- **Soft Skills** : Leadership, Event Management, Public Speaking

EXPERIENCE

- **National Institute of Technology, Silchar** — Silchar, India
  Web Development Intern — *May 2023 – July 2023*
  - **Developed**: An automated Conference website builder that generates dedicated web page
  - **Implemented**: Different templates and advanced query chat support.
  - **Tech Stack Used**: ReactJS, Tailwind CSS, JavaScript, NodeJS, ExpressJS, MongoDB

PROJECTS

- **FOODIE** — GitHub Link
  Tech Stack - React JS, Node JS, Express JS, MongoDB, JWT, CSS
  - Developed a multi-vendor restaurant application where users can browse food items based on restaurants, add products to their cart, view the total amount, and delete items with quantity changes.
  - Implemented a vendor portal allowing vendors to log in, manage their firms, and add or delete products, ensuring real-time reflection in the customer-facing application..
  - Utilized JWT tokens for secure login and authentication in the vendor dashboard, enhancing the security of user and vendor accounts.
  - Added functionality for users to filter products based on regions, enhancing the browsing experience without the need for search operations based on hotel names.

- **WAY FINDER** — GitHub Link
  Tech Stack - React JS, CSS
  - Designed an interactive grid-based interface that allows users to add walls, visualize the pathfinding process, and witness the calculated shortest path between a specified start and end node.
  - Utilized Dijkstra's algorithm to efficiently find the shortest paths between nodes, demonstrating algorithmic proficiency and problem-solving skills.
  - The visualizer displayed an animated representation of the algorithm's progress, making it easier for users to understand how the algorithm navigates through the grid.

CODING PROFILES

- **Codechef** : bhai_coding
- **Codeforces** : Pubg9999
- **LeetCode** : surya1824
- **GeeksforGeeks** : kesarapu20ug

ACHIEVEMENTS AND CERTIFICATIONS

- Qualified for **SemiFinals** In Flipkart GRID 4.0 Software Development Challenge '22
- **3 Star Rated** on Codechef with a rating **1698** and **PUPIL** on Codeforces with a rating **1272**
- Solved numerous problems across various coding platforms like Codeforces, Atcoder, GeeksforGeeks, Leetcode
- Global Rank -**2848** / 28k+ (Top 10 Percent) in Codeforces Round 773 (Div 2)
- Successfully Cleared **SQL Test(Intermediate)** from Hackerrank coding platform
- Earned **Problem Solving(Intermediate)** Certificate from Hackerrank

INTERESTS

- I have a passion for competitive programming and enjoy participating in coding competitions.
- I actively engage in sports such as Kho-Kho ,Badminton and Cricket.