ANIRUD TATE

Full stack web developer

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EXPERIENCE

Pentagon Tapes / TagOn

React Js Developer

📅 May 2023 – Oct 2023

- Worked with Pentagon Tapes on **TagOn, an E-commerce startup app**, made using Flutter for the Android app, Django for the backend, React for ERP system.
- Developed an **ERP system website** using **React** with a backend in Django to **manage users, sellers, app settings, and products**.
- Enhanced system functionality, enabling users to easily handle tasks like **adding, editing, viewing, and exporting data**, while ensuring security with **JWT authentication** and **role-based authorization**.

PROJECTS

AlgoVisual   🔗 link

- AlgoVisual is a **3D algorithm visualizer** that displays **path-finding** and **sorting** algorithms in a visually engaging format.
- Includes visualizations of path-finding algorithms like **bfs, dfs, dijkstra's algorithm, A* search** and also sorting algorithms like **selection sort, bubble sort, quick sort, merge sort**.
- Utilizes **React** for the front-end user interface and **Three js** for the 3D visualizers. React-Three-Fiber was used to add Three.js scenes in React.

Cf-ladder   🔗 link

- Cf-ladder is a site **created for codeforces users who want to solve all the problem that are solved some other user from codeforces**.
- Uses **codeforces API** to get all problem solved by both of the users, sorts them in sections of ratings, and shows whether the user have solved the problem or not for each of the problem.
- Utilized **React** for the front-end and Axios for querying the Codeforces API.

EDUCATION

BSC-IT - 9.1 GPA

Patkar-Varde College

📅 2020 – 2023

Higher Secondary - 83.60%

Nirmala Memorial Foundation College

📅 2018 – 2020

Secondary - 86.60%

Samata Vidya Mandir

📅 2017 – 2018

ACHIEVEMENTS

- Highest rating of **1485** at **Codeforces**, which is the top site in terms of participation of programmers across globe.
- Ranked under **div2** at **Codechef** which ranks among the top sites for competitive programmers. Highest rating of **1620** and rated **3***.
- **Winner** of **CodeCombat** event in **Syntech-X**, **RD National College**. smallskip
- **Winner** of **Coding Ninja** event in **Technoutsav**, **Nirmala College**.

TECHNICAL SKILLS

- **Languages** : Typescript, Javascript, C++, SQL
- **Frameworks** : Next.js, Astro, React, Tailwind css, Svelte
- **Libraries** : Three.js, Trpc, Zustand, Redux
- **Miscellaneous** : Git, GNU/Linux, Vim, Bash, Markdown