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in Nikhil Dhiman

Projects

Study Notion(React, Express.js, Node.js, Mongo)   **May-2023 to Oct-2023**

- Study Notion is **EduTech** platform showcased technological prowess with **React** at its frontend, employing **React Router** for smooth navigation and integrating **React Redux** & **Context API** for centralized state management. On the server side, **Express** managed operations, while **MongoDB** ensured robust data storage. Security was fortified through **bcrypt, jsonwebtoken, & otpgenerator**, while **NodeMailer** facilitated efficient email services. **Axios** streamlined HTTP requests, **HotToast** provided real-time feedback by toast, and a star-based rating system enhanced user engagement. **Tailwind** CSS was integrated to swiftly style and design, harmonizing functionality with visually appealing elements. This meticulously curated tech stack converged to deliver a secure, responsive, and interactive EduTech experience.
- The platform prioritizes user **security with OTP** based email verification for signup and stores login information via tokenization for persistent login. It encompasses three panels— **admin, instructor, & student**.
Admin manages course categories, instructors, and students. **Instructors** can upload, sell courses, track student performance, sales, and earnings. **Students** purchase courses, rate, review, track progress, and provide feedback to instructors. This comprehensive system facilitates seamless interactions between instructors and students, enhancing the learning experience while ensuring efficient course management and feedback mechanisms.

Weather Application(JavaScript, openWheather)   **Jan-2023 to Feb-2023**

- It is created using **HTML, CSS, JavaScript** that retrieves **real-time** weather information using **Open Weather API**.
- It allow user to view weather infomation for **current/specific Location**

Achievement

Solve **560+** Data Structure Problems Solved in **Leetcode.**
Solve **150+** Data Structure Problems Solved in **GeeksForGeeks.**
Rank **1846/ 19922** in leetcode **Weekly Contest 341.**
2nd position in RoboOlympics Organized by Chandigarh Engineering College.
LeetCode Badges : 100Days Badge 2023, Dec Badge, Nov Badge, Oct Badge, 100Days Badge 2022 many more.

Technical Skills

Languages : C++, Python(familiar), Java(familiar), **HTML, CSS, JavaScript.**
Technologies/Frameworks : ReactJs, Taildwind, Express, Mongo.
Design : Figma(familiar), Photoshop(familiar), illustrator(familiar).
Extra Subject : Operating System, **Computer Networks, MySQL**.
Tools : Git, Windows, MacOs, VsCode, MongoDBCompass, PostMan, MySQL WorkBench, Wordpress.

Education

Chandigarh Engineering College   **2020 - 2024**
Bachelor of Technology in Electronic And Communication (CGPA of 8.05)   Mohail, India

Bhartiya Public School   **2018 - 2020**
Intermediate (Precentage of 83.4)   Ambala Cantt, India

Profile Links

- **Leetcode**
- **GeeksforGeeks**
- **CodeStudio**