

Sandeep Raj

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EXPERIENCE

- Visteon** Bengaluru
Software Developer (Internship) Jan 2024 - June 2024
 - VPN Connection:** We have reduced the connection time in our VPN from **5 seconds to 1 second** and increased the number of attempts **before timeout from 1 to 5**.
 - Authentication:** I ensured that all applications traverse the **tunnel proxy to enhance their security measures**.
- Ethnus Codemithra** Remote
Software Developer (Internship) May 2023 - July 2023
 - Payment Gateway:** Integrated Braintree API into the Payment Gateway, revolutionizing transaction experience with support for 10+ payment methods; **accelerated checkout time by .4, resulting in a 25% increase in completed purchases**.
 - Login Authentication:** Implemented login authentication, differentiating between standard users and administrators. The system provides access to specific features based on their roles
- MATRIX** Vellore
Technical Mentor (Part-time) Aug 2021 - Dec 2022
 - Course - Basic of Web Development:** Conducted a workshop on the fundamentals of **HTML, CSS, and JavaScript**, providing participants with a comprehensive understanding of these essential web development technologies.
 - Impact:** I guided all selected students in the technical domain, focusing on web development and data structures.

PROJECTS

- VEHICLE SELLING** May 2023 - July 2023
React Js, MongoDB, Express JS, Node Js **Live - github**
 - Full-Stack web app:** I've developed a complete **MERN** full-stack web app for **streamlining vehicle purchases**. The site delivers detailed vehicle data from multiple sellers, featuring strong functionality for **users to easily filter offers based on price** and category preferences.
 - Login and payment:** I have executed **role-based authentication** utilizing MongoDB and Express.js. Additionally, I collaborated with the **BrainTree API** to seamlessly integrate payment gateway functionality for users.
- Gmini** March 2024 - April 2024
React Js, Context Api, JavaScript **Live - github**
 - Efficient State Management:** Utilizing **Context API** enables **robust data handling**, complementing recent search display for enhanced user engagement.
 - Enhanced User Experience:** Leveraging React.js, the app ensures smooth navigation and interaction. The dynamic search box **provides real-time feedback**, enhancing user experience with prompt actions.
- Pharmacy Management** Aug 2022 - Nov 2022
HTML, CSS, JavaScript, SQL **github**
 - Implementation:** Led the implementation of login authentication and role-based access control for secure access. Developed a tailored billing system for users, doctors, and staff, streamlining financial processes and ensuring data.
 - Developed a sophisticated web app for seamless doctor-patient scheduling. Established doctor-patient assignments, enhancing efficiency and healthcare delivery.**

ACHIEVEMENTS

- 650+ Question at Leetcode.** Ranked under Top 22.19 percent among all **Highest rating of 1607.**
- 3*** at Codechef **1637 max** and **1135 at Codeforces**
- Secured **Global rank 3366 in Mega Job-A-Thon:** by GFG and 4612 Rank on **Leetcode.**
- Solved **more than 1100+ problems** across platform
- Rank 5th on **GFG (500+)** in VIT University

TECHNICAL SKILLS

- Programming Language: **C++, Java**
- Frontend: **HTML, CSS, JavaScript, ReactJS, Tailwind, GSAP, EJS**
- Backend: **MongoDB, NodeJS, SQL, Express**

CODING PROFILES

- Leetcode: **sandy-7970**
- GeeksForGeeks: **sandeep-raj-vit**
- Codeforces: **sandy-79**
- Codechef: **sandy-79**

EDUCATION

- Vellore institute of Technology, Vellore** TamilNadu, India
B.Tech in Computer Science and Engineering Aug 2020 - July 2024
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, OOPS, Networking, Databases