VIKAS KUMAR

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Education

National Institute Of Technology Raipur   December 2020 - May 2024
Bachelor of Technology in Electrical Engineering (CGPA: 7.97 / 10.00)   *Raipur, Chattisgarh*

Kendriya Vidyalaya Cantt Kanpur   April 2018 - May 2019
Class 12 Percentage: 92.4   *Kanpur, Uttar Pradesh*

Experience

Hostel Chatbot   February 2023 – March 2023
Frontend Developer   *Raipur, Chattisgarh*

- Led "The Innovation Ninjas" team to the final round of the prestigious VIGYAAN National Science Exhibition, showcasing our project to over 250 attendees.
- Developed a highly interactive and user-friendly Hostel Chatbot as the front-end developer and UI/UX developer.
- This led to a significant improvement in complaint resolution time, reducing it from a week to just 2 days, ensuring faster and more efficient processing.

Projects

Hostel Chatbot: Website Link | *React.js, Node.js, Express.js, Mongodb, CSS, Chat GPT*

- Improved a user-centric Hostel Chatbot simplifying complaint submissions, reducing processing time by 30% and enhancing accessibility for 100+ users.
- Engineered a Warden Dashboard streamlining complaint management, yielding a 40% efficiency boost and facilitating real-time oversight for swift issue resolution.
- Implemented robust JWT-based authentication ensuring data security for over 100 enrolled students

Attendance Marker: Website Link | *React.js, Node.js, Express.js, Mongodb, CSS, Chat GPT*

- Integrated geolocation API to enhance attendance verification accuracy, enabling precise tracking of student attendance with 10% margin for error.
- This website reduced attendance-taking time from 15 minutes to just 1 minute, significantly increasing efficiency and saving valuable time for administrators
- Leveraged MongoDB as the database solution, achieving a improvement in storage and retrieval efficiency for attendance records of 110 students

Cricketers Info: Website Link | *HTML, CSS, Javascript, Bootstrap, Rapid API*

- Integrated Cricbuzz API seamlessly into the system to fetch real-time cricketer data, providing up-to-date information and updates data regulary.
- Innovated and implemented a user-friendly interface, enabling users to search for cricketers 50% faster compared to other platforms.
- Displayed comprehensive player statistics, rankings, providing users with a holistic view of each cricketer. Additionally, included 10 recent photos to enhance the user experience.

Skills

Language: Java, JavaScript(Basic), C++(Basic)
Technologies: HTML, CSS, React.js, Express.js, Bootstrap, Node.js, MongoDB, Chat GPT, SQL(Basic), REST APIs
Concepts:Object Oriented Programming, Database Management System, Operating System, Computer Networking
Soft Skills: Communication, Leadership, Team Work, Problem Solving

Achievements

Finalist In VIGYAAN(National Science Exhibition): Among Top 30 teams across the country
Solved Over 500 Data Structure and Algorithms Leetcode Problems: Leetcode Profile
2nd Prize In Hindi Poem Writing: Organised By Rajyabhasha NIT Raipur