KESHAV KUMAR THAKUR

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Education

Indian Institute of Information Technology Senapati, Manipur Dec. 2020 − Present
Bachelor of Technology in Electronics and Communication Engineering − CGPA : 7.2/10 *Imphal, Manipur*

Don Bosco Convent School, Jhanjharpur, Madhubani, Bihar May. 2017 − Mar. 2019
Senior Secondary (Class XII) − PCM : 75.6% *Madhubani, Bihar*

Achievements

- Ranked in top **4%** in common merit of **JEE Mains 2020** among **12 Lakh** appearing candidates accross the country.
- Solved **700+ problem** across Leetcode, CodeStudio , with a top **Leetcode contest rank of 1475** and overall rating of 1675.

Experience

DocsUp Pvt Ltd May 2023 − August 2023
Full-Stack Developer Intern
- Assisted in development of an innovative **AI chatbot** using the **MERN Stack**.
- Creating a secure and scalable **SaaS** application, advanced **user authentication** and **authorization systems**, resulting in a **20% increase** in application security.
- Implemented express-validators middleware for robust data validation, contributing to a **15%** improvement in data integrity.
- Successfully collaborated on the integration of **OpenAI** into the project, showcasing adaptability and a commitment to staying at the forefront of technology trends.

Confidential Mar 2022 − May 2022
Front End Developer Intern
- Developed and updated React components for portal sections, enhancing both functionality and design versatility.
- Optimized the **web portal** by handling header, footer, navigation, content, and form components.
- Introduced dynamic interactivity through seamless event handling & engaging animations, significantly improving user experience.
- Actively maintained and enhanced the user interface by creating and updating React components for diverse portal sections.

Projects

Talk Buddy - Chat Application | *React.js, Chakra UI, MongoDB, Node.js, Express.js, Socket.io* August 2023
- Developed a responsive **MERN stack** chat application using **Node.js & Express.js** for efficient **server-side** operation.
- Ensured data integrity & privacy by implementing **JWT authentication** through **REST APIs** for user signup & login.
- Enabled **real-time** messages with **Socket.io** also integrated 3 essential component: profile section, search bar, chat box.
- Enhanced **UX** with robust group management, offering **admin control** for 2 type of chat : **group** & one-to-one chat.

Sociopedia - Community Web App | *React.js , MongoDB , Node.js , Express.js* April 2023
- Developed a **Full-stack social app** with secure **JWT authentication** for developer connections and expertise sharing.
- Implemented various features, including registration validation, profile picture uploading, and a dynamic home page.
- Users **can** perform actions such **as** viewing, adding, editing, deleting, liking, disliking, commenting on posts, and more.

Weather App | *React.js* Sep 2022
- Developed Weather Application using **ReactJS**, delivering **real-time** weather information for multiple cities.
- Implemented **API integration** to fetch and display **current weather** details for user-specified cities.
- Designed a responsive and user-friendly interface for a seamless user experience, featuring quick response times.

Technical Skills

Languages: C, C++, SQL
Frontend Development: HTML5, CSS3, Javascript, React.js, Tailwind-CSS
Backend Development: MongoDB (NoSQL), Node.js, Express.js, Socket.io.
Software Utilities: Chrome DevTools, Git, VS Code, GNU Octave, Cadence.

Relevant Coursework

- Computer Programming
- Data Structures & Algorithms
- Object-Oriented Programming
- Computer Networks
- Database Management System
- Operating System

Leadership / Extracurricular

NDPSB Sep. 2021 − Present
Technical Advisor
- Managed all **IT services**, including web design and development, database design, and social media presence.
- Strategically expanded the social media footprint, achieving a remarkable outreach to an audience of over **3 million** people.