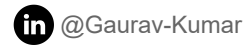


GAURAV KUMAR

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EDUCATION

- ❖ **Computer Science Engineering | IIT Bhilai** CGPA: 8.33 | '23-present
- ❖ **XII (CBSE) | Hellens School, Sitamarhi** 89% | 2023

PROJECTS

- ❖ **Stress Management App - React Native, TypeScript**
 - Developed an end-to-end stress management app with self-assessment and personalized recommendations.
 - Integrated chat assistance, music/video therapies, and guided meditation.
- ❖ **VaultRoom - Password Manager Web App - React Js, Express Js, MongoDB**
 - Built a secure password manager with a secured login system and OAuth authentication.
 - Developed RESTful APIs for user-specific credential management.
 - Designed a responsive UI with React.js and TailwindCSS.
 - Implemented industry-standard encryption for data security.
- ❖ **VIKASA App - C4GT - React Js, TypeScript, Fastify, IndexedDB (Open-Source contribution)**
 - This PWA aims to ease the data collection mechanism currently employed by VIKASA. The motive is to build the app such that it works offline in no-internet areas.
 - Implemented a queue management system for offline data using indexedDB infrastructure.
 - Implemented data synchronization using service workers.
 - Built responsive UI for a seamless experience.
- ❖ **HostelPro - Hostel Management System - React Js, Node Js, Tailwind CSS**
 - Developed a web app for hostel management with room booking and availability tracking.
 - Implemented a complaint system for issue reporting and resolution.
 - Built a secure backend with authentication and a responsive UI.

SKILLS

- ❖ **C, C++**
- ❖ **Data Structures and Algorithms**
- ❖ **Object Oriented Programming**
- ❖ **HTML, CSS, JavaScript, TypeScript**
- ❖ **React Js , Node Js , MongoDB , Express Js , Next Js, IndexedDB , React Native**
- ❖ **Python, AWS, Docker**
- ❖ **Numpy, Pandas, Scikit-learn for Machine Learning**
- ❖ **Git, GitHub, Docker, Latex**

EXPERIENCE

- ❖ **Problem-Solving and Logic Building** - Solved 500+ problems on platforms across LeetCode, GeeksforGeeks, codeforces, and codechef.
- ❖ **Competitive Programming** 
 - Participated in around 75 contests across platforms including Codeforces, Codechef, and LeetCode.
 - **Ratings** : Codeforces Specialist [1483] , Codechef 3 star [1747] , LeetCode [1782].