# ANANT PRATAP SINGH

Software Engineer

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## ABOUT ME

- Well versed in **C++**, **Python**, **Java** and **JavaScript**, with strong skills in backend development technologies including **Nodejs, Express, MongoDB** and frontend development using **React JS** .
- Enthusiast in Competitive Programming, holding a **2-star rating** on **CodeChef** and a **5-star rating on HackerRank** in C++.
- I have successfully qualified for **Smart India Hackathon (SIH)** as a Team Leader, where I spearheaded my team in developing DISC – Drug Inventory and Supply Chain Tracking. This experience highlights my leadership skills, innovative mindset, and ability to deliver impactful solutions

## EDUCATION

**MAHARANA PRATAP ENGINEERING COLLAGE**       2022-Present
BACHELORS IN TECNOLOGY(COMPUTER SCIENCE AND ENGINEERING WITH SPECIALIZATION IN DATA SCIENCE)

**ST. JHONS HINDI SCHOOL (VARANASI)**       2020-2021
INTERMEDIATE: PCM-UP BOARD(WITH 75%)

## SKILL

- C++
- MERN
- PYTHON
- DOCKER(beginner)
- JAVASCRIPT
- UI/UX Design

## PROJECTS

### REAL-TIME TRAKING SYSTEM(JAVASCRICPT & SOCKET)

A **JavaScript-based project** that tracks and displays your real-time location using **WebSockets**. It fetches **GPS coordinates** continuously and updates them on a live map with **Socket.io** for seamless communication. Built with **Node.js**, **Express**, and **Leaflet.js**, it's ideal for location sharing, tracking, and safety applications.

### HOSTEL-ERP(MERN Based)

Hostel ERP is a **MERN-based real-life project** designed to efficiently manage hostel operations by storing hosteler data and handling attendance, grievances, notices, leave applications, and approvals. With a user-friendly interface, it streamlines hostel management. My college is considering it for implementation, and it will be applied soon to enhance efficiency.

### MY-COMPANIAN(MERN)

This MERN-based social media application allows users to **share personal stories** that have impacted them emotionally or physically. An **intelligent algorithm analyzes** stories to connect individuals with similar experiences, fostering support and companionship. The platform aims to create a safe space for users to find understanding and meaningful connections through shared experiences.

### HOSPITAL MANAGMENT SYSTEM(MERN)

Developed a **web application** on a client's request to **automate** his hospital's operations and **reduce** paperwork. The system streamlines tasks like generating IPD/OPD forms, managing bed availability, and handling patient records efficiently. By digitizing essential workflows, it enhances hospital management, ensuring accuracy, efficiency, and a seamless experience for both staff and patients.

## ACHIEVEMENTS

- Internal SIH Hackathon | Maharana Pratap Engineering College       Sep 2024
- MPGI HACKS | Maharana Pratap Engineering College       Apr 2023