

# SAKSHI KAUSHIK

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## EDUCATION

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**Mother's Academy Khurja Bulanshahr**

2020-2021

Intermediate: 96.2%

**Institute of Engineering and Technology**

2022-2026

Bachelor of Technology-COMPUTER SCIENCE AND ENGINEERING

**Courses:** Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

**Current CGPA-8.6**

## PROJECTS

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### 1. iNotebook (Mern Stack Web Development) : [\[Link\]](#)

Developed a full-stack note-taking web application using MongoDB, Express.js, React.js, and Node.js (MERN). Implemented JWT authentication and bcrypt encryption to ensure 98% data privacy and secure, user-specific access. Optimized backend APIs to achieve less than 200ms response time and improved overall system performance by 60%. Designed a responsive and intuitive user interface, enhancing user productivity by 35% through real-time editing features and seamless navigation. **Tech.Stack:** React.js, Node.js, Express.js, Mongo.

### 2. AI Finance Platform with Nextjs: [\[Link\]](#)

Built an AI-driven finance platform using Next.js for fast, SEO-friendly frontend with server-side rendering (SSR) and dynamic routing. Enabled real-time expense tracking, predictive analytics, and personalized budgeting. Improved forecast accuracy by 30%, budgeting efficiency by 40%, and user engagement by 50% through interactive dashboards.

### 3. Smart Attendance System: [\[Link\]](#)

Built a smart attendance system using Python and OpenCV with real-time face recognition, achieving over 95% accuracy. Automated attendance marking reduced manual effort by 70% and improved reliability by 60% through efficient image training and detection workflows.. **Tech.Stack:** Python, OpenCV.

## ACHIEVEMENTS

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- **Codeforces Specialist** : Highest Rating-1510, Global Rank-2841 in Codeforces Round 1038(Div 1 + Div 2)
- **Codechef 3 Star** : Highest Rating-1662, Global Rank-600 among competitive programmer
- **leetcode:** Current Rating-1674 , among top 16 percent users on Leetcode
- **Codeforces Round 1029(Div 2):** Global Rank-1714 among 40,000+ participants
- **Codeforces Round 1033(Div 2):** Global Rank-1973 among 40,000+ participants
- **Codechef Starters 187:** Global Rank-123 among 40,000+ participants
- **DSA Problem Solving:** Solved **1500+** questions on various Coding Platforms.

## POSITION OF RESPONSIBILITY

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*FRACTAL:THE CODING CLUB* [\[link\]](#)

- Student Mentor at Competitive Coding Club of College
- Mentored over 200+ students in fundamental programming and mathematical concepts.
- Guide the students in Data Structure and Algorithms using C++ from basic to intermediate level.
- Prepare the students to participate in competitive programming contests.

## SKILLS

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**Languages**

C/C++ , Python, HTML, CSS, javascript

**Tools**

Github, Visual Studio Code , Sublime Text

**Technical Skills**

Data Structures and Algorithms, Competitive programming, React.js, Next.js, Node.js, MongoDB

**Databases**

SQL and NoSQL