# SAKSHAM GROVER

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## Education

**Indian Institute of Information Technology Allahabad** | 2021-2025 — CGPA (6 Semesters): **8.36**
*Bachelor of Technology in Information Technology*

**Paramount Convent School, Ambala** | 2020 — Percentage: **84.6%**
*Class 12th, CBSE Board*

**Mount Carmel School, Chandigarh** | 2018 — Percentage: **90.0%**
*Class 10th, CBSE Board*

## Achievements

- **Among top 1.01% (Guardian with max rating 2207) of all users at LeetCode**- Profile
- **Specialist (Max rating: 1509) at Codeforces**- Profile
- **Rated at 4 Stars (max rating 1884) at CodeChef**- Profile
- Secured **Global Rank 211** in Codechef Starters 134.
- Secured **Global Rank 595** in Leetcode Contest 413.
- Solved over **700+ problems** related to Data structures and Algorithms on various coding platforms like Leetcode, Codeforces and GeeksforGeeks.

## Projects

**BloodBond- Blood Bank Website** | *ExpressJS, ReactJS, NodeJS, MongoDB, Javascript* — **April 2024**
Github Repository
- Developed a blood bank website for IIITA facilitating donor-seeker interactions.
- Implemented all the features for real-time blood stock management, blood requests, user authentication, and secure APIs for blood availability tracking and requests.
- Utilized MongoDB as the primary database for efficient data storage and retrieval, and implemented React Context API to effectively manage states across the website's components.
- Implemented external News API to share latest health related news to the users.

**Talkin- Android Application** | *Java, XML, Google Firebase* — **June 2023**
Github Repository
- Co authored an Android application that serves as a platform to connect individuals within the same community.
- Contributed in storing data efficiently using Google Firebase Realtime Database and created engaging splash screens for the app, enhancing user data management and improving the app's initial user experience.
- Co-authored the implementation of a real-time chatting feature enabling seamless user communication.

**CIFAR-10 Object Recognition** | *Python, TensorFlow, ResNet50, CIFAR-10 dataset, Keras* — **December 2023**
Github Repository
- Implemented Object Recognition using ResNet-50 Model on the CIFAR-10 dataset.
- Achieved 3 % increase in accuracy in multiclass classification by optimizing the deep learning model for efficient training and evaluation.

## Technical Skills

**Languages**: C, C++, JAVA, Python, HTML, CSS, Javascript
**Frameworks/Libraries**: Node.js, ExpressJS, ReactJS
**Databases**: Google Firebase, MySQL, MongoDB
**Others**: Android Studio, TensorFlow, Keras, Git , Eclipse, Android Studio
**Relevant Coursework**: Data Structures and Algorithms, Object Oriented Methodologies, Database Management Systems, Operating Systems, Introduction to Machine Learning, Business Analytics

## Coding Profiles

**Codeforces:** https://codeforces.com/profile/sakshamg258
**LeetCode:** https://leetcode.com/u/sakshamg09/
**Codechef:** https://www.codechef.com/users/sakshamgrover1
**Github:** https://github.com/SakshamGrover09

## Positions of Responsibility

**Academic Mentor** - *Mentor for college Students* — **June 2023 - July 2024**
- Appointed as Academic Mentor of Indian Institute of Information Technology Allahabad for B.Tech Batch 2027.

**Prayaas** - *Volunteered with Prayaas Charity.* — **June 2022 - December 2022**
- Volunteered with Prayaas to organize community outreach programs and supported some local educational initiatives.