

# AKSHAY KUMAR

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## Education

### Institute of Engineering and Technology

Bachelor of Technology in Computer Science Engineering

Dec'21 – Jun'25

CGPA - 8.23 Lucknow, Uttar Pradesh

## Experience

### While

Frontend Developer Intern

Aug'23 – Oct'23

Remote

- Collaborated with a team of developers to create engaging and responsive web applications using React.js framework.
- Implemented front-end functionalities and features, such as interactive components, form validations, and data visualization.
- Demonstrated strong problem-solving abilities and a proactive approach to tackling technical challenges within project timelines.

[Certificate](#)

## Projects

### Evently [\[Link\]](#) | MERN Stack Application

Aug 2024

- Designed a calendar-based interface for users to select and submit availability, including date and time slots, while allowing users to Create, Read, Update and Delete upcoming schedules.
- Built an admin dashboard to manage user profiles, assign fixed schedules, oversee upcoming schedules, and handle schedule entries with conflict prevention mechanisms.
- Implemented robust scheduling features with real-time conflict checks, ensuring seamless coordination and efficient schedule management.

### Customer Segmentation and Transaction Analysis [\[Link\]](#) | Machine Learning

Oct 2024

- **Data Preparation and Aggregation:** Extracted actionable insights, such as customer spending trends and purchase patterns, enhancing data readiness for analysis.
- **Advanced Clustering Techniques:** Implemented K-Means for primary segmentation and DBSCAN for density-based grouping, enabling the identification of key customer groups and outlier detection.
- **Insightful Reporting:** Created in-depth reports on customer segment characteristics, providing actionable strategies for personalized marketing and improving customer retention rates.

## Achievements

Specialist on Codeforces with maximum rating of 1440.

Knight on Leetcode with maximum rating of 1859.

3 Stars on Codechef with maximum rating of 1693.

AIR 407 in CodeKaze 2024 among 65000+ participants.

Global Rank 174 in Starters 123 , Div. 3 rated contest on Codechef.

Global Rank 282 in Starters 89 , Div. 4 rated contest on Codechef.

Global Rank 588 in Starters 96 , Div. 3 rated contest on Codechef.

Global Rank 777 in Starters 95 , Div. 3 rated contest on Codechef.

Global Rank 936 in Starters 124 , Div. 2 rated contest on Codechef.

Flipkart Grid 5.0 shortlisted among 4 Lakhs+ candidates participating in a hackathon conducted by Flipkart.

Zonal Rank 3 in Science Olympiad Foundation (SOF) conducted National Cyber Olympiad.

Solved 1000+ problems on Data Structures and Algorithms across various platforms.

## Technical Skills

Languages / Frameworks: C++, Python, SQL, HTML, CSS, Javascript, MongoDB, React.js

Developer Tools: VS Code, Sublime Text, GitHub, Git, Vercel

Data Structures And Algorithms: Problem Solving and Logic Building

## Clubs / Societies

### Fractal - Coding Club IET Lucknow

Sept' 2022 – Present

Actively participated to gain experience in the field of competitive programming.

### Google Developer Student Club

Sept'23 – Present

Collaborated and attended workshops on the latest technologies in web development.