

# GAURAV KUMAR

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## Education

### Noida Institute Of Engineering and Technology

*Bachelor of Technology in Computer Science and Business Systems*

**Nov 2022 – Present**

*Percentage: 75%*

### Salwan Boys Sr. Sec. School

*CBSE (Class XII)*

**May 2020 – Mar 2021**

*Percentage: 90%*

### Dayanand Model School

*CBSE (Class X)*

**Apr 2018 – Mar 2019**

*Percentage: 80%*

## Summary

- Passionate Computer Science student with strong foundation in DSA, Algorithms, and Full-Stack Web Development.
- Solved 1200+ DSA problems across LeetCode, CodeChef, and GeeksforGeeks.
- Built scalable full-stack projects using React.js, Next.js, Node.js, MySQL/MongoDB.
- Good understanding of performance optimization, real-time search, and clean UI/UX.
- Active in competitive programming contests and hackathons.

## Projects

### Achman - Booking & Profile Management Platform | *Node.js, Express, MySQL, Socket.IO, WebRTC* | [GitHub](#) **2025**

- Developed a production-ready backend for a 3-role system (Users, Pandits, Admins) with secure UID-based authentication.
- Implemented **real-time chat, voice, and video calls** using WebRTC and Socket.IO.
- Built REST APIs for Aadhaar verification, bookings, and portfolio uploads (PDF, images, audio).
- Followed clean architecture principles with MySQL schema design and detailed debug logging.

### Tourism Booking Website | *React.js, Node.js, Express, MySQL, Mapbox* | [GitHub](#) **2024**

- Built a full-stack tourism platform supporting 50+ destinations with responsive UI in React.js.
- Integrated **Mapbox GL** for interactive maps, increasing user engagement by 65%.
- Implemented secure booking with authentication and admin dashboard for content management.
- Optimized frontend performance (1.2s load time) using lazy loading, indexing, and caching.

### MovieStudio - Movie Discovery Platform | *Next.js, TailwindCSS, Node.js* | [GitHub](#) **2024**

- Developed a high-performance movie search app with SSR/ISR for SEO (95+ Lighthouse score).
- Implemented **real-time search** across 10,000+ movies with <200ms response time using React Query and caching.
- Enhanced UX with genre-based filtering, sorting, infinite scroll, and dynamic loading.
- Improved system performance by 40% through code-splitting, lazy loading, and Next.js optimizations.

## Technical Skills

- **Languages:** C++, Python, JavaScript, SQL, HTML/CSS
- **Frameworks/Libraries:** React, Next.js, Express, Node.js, TailwindCSS, Redux, Recoil, Zod
- **Databases:** MongoDB, MySQL
- **DevOps:** Docker, AWS, Nginx
- **Version Control:** Git, GitHub
- **Authentication:** JWT, OAuth
- **Tools:** Postman, OpenAPI, TurboRepo, CI/CD, Firebase

## Achievements

- **LeetCode:** Top 20% (1500+ rating), 400+ problems solved | [Profile](#)
- **GeeksforGeeks:** 3-star (1624 rating), 700+ problems solved | [Profile](#)
- **CodeChef:** 1350+ rating, Global rank under 5000 in 5+ contests | [Profile](#)
- **DSA:** Completed 1200+ problems across platforms.