

# Raghav Kataria

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## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C++

**Web Development:** React.js, Next.js, Node.js, Nest.js, Express.js, TypeScript, JavaScript, Tailwind, HTML5, CSS3

**Tools & Deployment:** Git, GitHub, Burpsuite, Docker, Prisma, Jira, Render, Vercel

**Databases:** MongoDB, SQL, PostgreSQL

**Problem Solving:** Solved 300+ LeetCode problems in Java, covering various Algorithms and Data Structures

**Others:** Cybersecurity (Bug Hunting) , RESTful API Development, Authentication, Web Sockets

## PROJECTS

### SensAI

[sensai-interview.vercel.app](https://sensai-interview.vercel.app)

- Developed a full-stack web application that simulates technical and behavioral interviews using AI, helping users prepare for real job interviews.
- Implemented multiple interview modes (Resume Insight, Code Mastery, Hands-On Q&A, Culture Fit) to provide personalized interview experiences.
- Integrated speech recognition and synthesis for interactive, voice and video based Q&A, where the AI interviewer analyzes responses, cross-questions candidates, and helps them practice confidently.

### Pictogram

[pictogram-wqnp.onrender.com](https://pictogram-wqnp.onrender.com)

- Built a full-stack social media platform, featuring secure authentication, image uploads, and core interactions (likes, comments, follow/unfollow).
- Integrated AI-powered comment moderation to automatically detect and filter harmful or inappropriate content.
- Developed real-time messaging and notification system using WebSockets to enable instant communication between users.

### Boom

[boom-videochat.vercel.app](https://boom-videochat.vercel.app)

- Developed a video chat application using Next.js and TypeScript with secure authentication powered by Clerk.
- Integrated GetStream Video API to enable video conferencing with screen sharing, live reactions, recording, scheduling, and meeting history.

## EXPERIENCE

### Software Development Engineer I

July 2025 – Present

*Nighthack Labs*

- Developing a real estate valuation platform for banks with AI features like interactive chat with property documents,speech-to-text and OCR-based document parsing, reducing manual data entry by 90%.
- Implemented scalable backend services with Nest.js, Prisma, PostgreSQL, Docker and frontend modules in React, with secure authentication, authorization, and rate limiting.
- Built dashboards to display revenue metrics, employee performance, and report turnaround times, projected to improve workflow efficiency by 50%.

### Full Stack Developer Intern

June 2024 – Aug. 2024

*Belrise Industries*

Certificate

- Developed an internal inventory management system using MongoDB, Express.js, React.js, and Node.js, reducing manual stock tracking time by 70%.
- Implemented secure JWT authentication and role-based access, managing a database of over 2,000 items.
- Automated reporting and notifications for 5 departments, improving workflow efficiency and providing near real-time inventory insights.

## EDUCATION

### Bachelor of Computer Applications

CGPA: 8.9/10

*Maharaja Surajmal Institute, New Delhi*

Oct. 2022 – June 2025

### Higher Secondary Education (Class XII)

Percentage: 83%

*DAV Police Public School, Panipat*

Apr. 2021 – Mar 2022

### Secondary Education (Class X)

Percentage: 91%

*DAV Police Public School, Panipat*

Apr. 2019 – Mar 2020