

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

- 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

- 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

- 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