



Keshav Arora

Bachelor of Technology
in Chemical Engineering
Indian Institute Of Technology, Ropar

+91-9356316091

keshav11y@gmail.com

GitHub | Portfolio

LinkedIn | Codolio | LeetCode | Codeforces

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	7.63 (Till 4th Sem)	2023-2027
Senior Secondary	Central Board of Secondary Education	91.2%	2023
Secondary	Punjab School Education Board	100%	2021

EXPERIENCE

• Frontend Developer @ CREW

Mar 2025 – June 2025

React.js Developer

Certificate

- Developed the official parent website **skdiv.com** from scratch using React.js, delivering a responsive & scalable web platform.
- Built the IRYS Chrome Extension & website **irys.skdiv.com** using the WXT framework, significantly enhancing productivity.
- Led web dev workshops, mentoring peers in modern React.js practices & industry-standard development coding styles.

PROJECTS

– AttendX (Deployed)

October 2024 - November 2024

A Smart Attendance System (IoT Project)

AttendX (Deployed)

- * Developed a full-stack attendance system with RFID, face recognition, and manual entry, deployed at IIT Ropar.
- * Received **letter of recommendation** from IIT Ropar professors, validating the system's efficiency and reliability.
- * Successfully deployed and has actively marked 1000+ attendances for the senior batch over the past 8 months.
- * Designed hierarchical roles: Super Admin → College Admin → Professors → Students with custom dashboards.
- * Added OpenCV + Flask-based face recognition for real-time camera-based check-ins and student verification.
- * Integrated real-time attendance tracking with Gmail notifications for check-ins and check-outs.
- * Detailed Report: monthly stats via pie charts and comprehensive history for students.
- * Implemented Excel-based student registration and date-wise export for one-click attendance operations.
- * Built with React.js, Node.js (Express), MongoDB, Tailwind, and NodeMailer; deployed reliably on Vercel & Render.

– Music Player (Deployed)

June 2024 - July 2024

Web-Dev Project

Music Player (Deployed)

- * Developed a full-stack music player with user authentication and role-based access control for song management.
- * Integrated MongoDB, Express, Node.js for backend, and Cloudinary for audio/image storage.
- * Implemented responsive frontend using HTML, CSS, JavaScript, and Tailwind.
- * Enabled advanced features: search by title/artist, autoplay, playback control, and 10-second skipping.
- * Optimized user experience with secure authorization for admin and owner privileges.
- * Successfully deployed on Render.com and currently live for users.

TECHNICAL SKILLS

–**Programming Languages:** C/C++, Python, JavaScript, Matlab

–**Development Skills:** HTML, CSS, JavaScript, React.js, MongoDB, Express, Node.js, Arduino IDE, ESP32 chipset, MySQL, Git / Github, Socket.io, WebRTC

–**Other Skills:** Linux, Computer Networking, 100+ WPM Typing Speed

KEY COURSES TAKEN

–**CSE & Maths:** Full-Stack Web Development Course (Apna College), TLE-Eliminator (Competitive Programming), CP by Coding minutes (Udemy), GE103 (Intro to Computing), Linear Algebra (MA201), Differential Equations (MA202), Calculus

–**Others:** Matlab

POSITIONS OF RESPONSIBILITY

– **Secretary**, Software Community, IIT Ropar

May. 2025 - May. 2026

– **Co-ordinator**, Software Community, IIT Ropar

May. 2024 - May. 2025

– **Co-Head Web-Development**, Zeitgeist (The Cult. fest of IIT Ropar), designed it's website.

May. 2024 - Dec. 2024

– **Mentor**, ISMP Student Mentorship, IIT Ropar

May. 2024 - May. 2025

MISCELLANEOUS

– **Solved 1200+ DSA/CP Problems**, Successfully solved over 1200 problems across multiple coding platforms Profile Link

– **JEE Mains 2023**, Secured 99.553%ile in JEE Mains 2023 & landed with AIR 5292 among 1.2 million candidates 2023

– **JEE Advance 2023**, Secured AIR 9973 In JEE Advance 2023 among 2 lacs candidates at the age of 17. 2023

– **PSEB 10th Topper**, I secured 100% score in 10th Boards 2021 2021