



Chirag Tayal

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

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GitHub | Website
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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	7.92 (Till 4th Sem)	2023-Present
Senior Secondary	Central Board of Secondary Education	94.6%	2023
Secondary	Central Board of Secondary Education	93.6%	2021

PROJECTS

- **Student Management System(C++)** May 2025 - June 2025
Console-based CLI tool with file handling **GitHub**
 - Designed a full-featured student record management system using file I/O and object-oriented programming principles
 - Supported sorting, searching, grade calculation, input validation, and CSV export.
- **To Do List Web App(Javascript)** Apr 2025
Frontend Web Dev Practice Project **GitHub**
 - Built a To Do List app with add/delete toggles, checkbox status, and dynamic task counter.
 - Implemented responsive layout using HTML, CSS, and DOM manipulation
- **Web Media Player with Lock Screen Controls** May 2025
Web API Exploration Project Frontend **GitHub**
 - Developed a custom web-based media player with a dynamic playlist, playback controls, and responsive UI.
 - Integrated **Media Session API** to support hardware-based lock screen media controls (play/pause/next/previous).
 - Implemented real-time metadata updates including song title, artist, and album art for enhanced user experience.
- **Personal Portfolio Website** June 2025
Frontend Web Dev Practice Project **GitHub**
 - Designed and developed a personal portfolio website using HTML, CSS, and JavaScript to showcase projects, skills, and resume.
 - Implemented responsive layout, animated transitions, toggleable navigation menu, and integrated social/contact icons.

TECHNICAL SKILLS

- **Programming Languages:** C++, Python, Javascript
- **Frontend:** Html, Css, Javascript, Basic Bootstrap
- **Development Tools:** Basic Git, GitHub, VS Code
- **Other:** Data Structures and Algorithm(C++), Responsive Design, Media Session API, Arduino (Tinkercad), Basic Canva

KEY COURSES TAKEN

- **CSE & Maths:** Intro to Computing and Data Structures, Calculus, Linear Algebra, Differential Equations, Probability And Stochastics
- **Others:** Signals And Systems, Digital Circuits, Basic Electronics, Circuit Theory, Control Engineering, Electromechanics, Economics

POSITIONS OF RESPONSIBILITY

- **Representative,** Table Tennis Club, IIT Ropar Apr. 2024 - Apr. 2025
- **Coordinator,** ESportz Club, IIT Ropar Apr. 2024 - Apr. 2025
- **Event Coordinator,** Revanche(First Gaming Fest), IIT Ropar Jan. 2024 - Feb. 2024

ACHIEVEMENTS

- **JEE Mains,** AIR 5910 in JEE Mains
- **JEE Advanced,** AIR 5832 in JEE Advanced
- **Table Tennis Player,** Represented school in district and state competitions