Ninad Sutrave
Dual Degree (B.Tech + M.Tech)
in Mechanical Engineering
Indian Institute Of Technology, Ropar

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B.Tech + M.Tech	Indian Institute of Technology, Ropar	7.23/10 (till 8th sem)	2019 - 2024
Senior Secondary	Maharashtra State Board	85%	2019
Secondary	Indian Certificate of Secondary Education	95.2%	2017

EXPERIENCE

- **Tech IndusOne Services** — *Jun 2022 - Jul 2022*
  Full Stack Developer Intern — Chandigarh
  - Contributed to building a technical assessment and certification platform aiming to improve an individual's coding skills
  - Designed and prototyped the UI for the platform using **Figma**, ensuring a user-friendly and visually appealing experience
  - Developed **multiple responsive layouts in React.js** - login page, problems listing page, contest calendar page, etc.
  - Added **interactive functionalities** such as contest e-mail reminder, personalised problem bookmark list and infinite scroll
  - Designed an optimal **MongoDB** schema for problem data, developed and tested **CRUD APIs** in **Node.js** and **Express.js**
- **Music Seekho** — *Mar 2022 - Apr 2022*
  Backend Developer Intern — Mohali
  - Worked on the development of a collaborative platform facilitating growth and learning for music tutors and students
  - Managed **tutor, student, course and attendance data** within a **Firestore database**, ensuring data accuracy and integrity
  - Implemented essential business logic and coded APIs for data CRUD and class scheduling using **Node.js** and **Express.js**

PROJECTS

- **React Fancy Circular Carousel** — *Mar 2023*
  NPM Package — **Live Link** | **Github**
  - Developed a **highly customizable** React image carousel component using **TypeScript**, providing users with a versatile and visually appealing solution for showcasing images on their websites
  - Gained significant traction with **400+ weekly downloads**, reflecting its utility and adoption in the developer community
  - Designed the image carousel to be responsive, ensuring seamless integration into various web layouts and screen sizes
- **Pehchaan - Ek Safar** — *Aug 2022*
  Anonymous Voting Platform — **Live Link** | **Github**
  - Developed an **end-to-end anonymous voting platform** for the NGO - Pehchaan - Ek Safar's governing body elections
  - Devised and implemented a **secure voting mechanism** where the election committee could trigger the issuance of a unique secret token to each voter via email, ensuring the integrity and confidentiality of the election process
  - Created voter and admin sections, and sucessfully deployed to accommodate a **large voter base of 200+ participants**
- **Teetsy** — *May 2022 - Jun 2022*
  URL Shortener — **Live Link** | **Github**
  - A URL shortening and QR code generating service, with **100+ short links created**, that facilitates strong engagement with the audience and presents a more convenient and professional way of sharing links via tweets, posters, social media
  - Added support for **custom URL generation** best suited for the users' purposes, as well as a **click tracking facility**
- **LookUp** — *Dec 2021 - Jan 2022*
  Vocabulary Companion — **Live Link** | **Github**
  - A chrome extension with **50+ users**, that can retrieve information about meanings, phonetics, pronunciation and synonyms of the word searched by the user, quite a handy tool for students, language learners, bloggers and authors
  - Added a feature to store a **personalised bookmarked list** as well as a shortcut key ensuring quick access while browsing

TECHNICAL SKILLS

- **Languages**: C, C++, JavaScript, TypeScript, HTML, CSS
- **Frameworks**/**Libraries**: React, Express, Node, Tailwind, Bootstrap
- **Databases**/**Tools**/**OS**: MongoDB, PostgreSQL, Firebase, Git, Figma, MacOS, Linux

KEY COURSES TAKEN

- **CSE & Maths**: Introduction to Computing and Data Structures, Data Structures and Algorithms, Database Management Systems, Machine Learning, Linear Algebra, Probability and Statistics, Differential Equations, Advanced Calculus

POSITIONS OF RESPONSIBILITY

- **General Secretary**, Board of Cultural Affairs, IIT Ropar — *Sep 2021 - Aug 2022*
- **Mentor**, Alankar - The Music Club of IIT Ropar — *Jun 2023 - Present*
- **Web Development Team Member**, Zeitgeist - Cultural Fest, IIT Ropar — *Oct 2022 - Mar 2023*

MISCELLANEOUS

- **HackerRank Certification for Problem Solving, JavaScript, React, CSS** — *2023*
- **Highest Codechef Rating: 1883 (4 Star Coder)** — *2021*
- **HackerRank Gold Level Badge in Problem Solving** — *2021*