



Ninad Sutrave

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

+91-9769330051
2019med1010@iitrpr.ac.in
ninadsutrave.in
github.com/ninadsutrave

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B.Tech + M.Tech	Indian Institute of Technology, Ropar	7.32/10 (till 9th 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 successfully 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 URLs** that are best suited for the users' purposes, as well as a **click tracking facility**
- **LookUp** Dec 2021 - Jan 2022
Chrome Extension [Live Link](#) | [GitHub](#)
 - A **vocabulary helper 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
 - Added a feature to store a **personalised bookmark 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

- **Secured 3rd Place**, Street Play - Inter IIT Cultural Meet 2023
- **HackerRank**, Certification for Problem Solving, JavaScript, React, CSS 2023
- **Codechef**, Highest Rating - 1883 (4 star coder) 2021