



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	7.3/10 (till 7th Sem)	2019-Present
Senior Secondary	Maharashtra State Board	85%	2019
Secondary	Indian Certificate of Secondary Education	95.2%	2017

EXPERIENCE

- **Tech IndusOne** Jun 2022 - July 2022
Full Stack Developer Intern Remote
 - Implemented optimised solutions and managed the client side as well as server side requirements of a large scale application, using ReactJS and NodeJS
 - Built a programming platform aiming to aid the developer community in being proficient and well equipped with the latest technologies in the industry
- **Music Seekho** Mar 2022 - Apr 2022
Backend Developer Intern Remote
 - Worked on the development and deployment of an online music education and collaboration platform
 - Contributed towards implementing and designing the web application's primary APIs, databases and all other back end functionalities right from scratch, majorly working with NodeJS and Firebase

PROJECTS

- **React Fancy Circular Carousel** Mar 2023
NPM Package (React Component) [Live Link](#) | [Github](#)
 - An NPM package peaking at **400+ weekly downloads**, implementing a circular carousel in React with fantastic user interface
 - Highly customisable features and appearance with the ability to add as many images as required, and capable of retrieving the image currently at focus to add additional components around it
- **Voting Ballot** Aug 2022
Anonymous Voting Platform [Live Link](#) | [Github](#)
 - A web based voting platform to cast votes with anonymity, utilising a secret token mailed to all voters by the Admin
 - Developed for the governing body elections of Pehchaan, successfully executed with great performance for **100+ voters**
- **Teetsy** May 2022 - Jun 2022
URL Shortener [Live Link](#) | [Github](#)
 - An easy to use URL shortening and QR code generating service that facilitates a stronger engagement with the audience and presents a more convenient and professional way of sharing links via tweets, posters, social media, etc
 - Supports custom URLs best suited for the user's purposes and has a feature to track the number of clicks made
- **LookUp** Dec 2021 - Jan 2022
Vocabulary Companion [Live Link](#) | [Github](#)
 - A handy chrome extension that can retrieve information about the meanings, phonetics, pronunciation, etc. of the word searched by the user, ensuring super smooth access by means of a shortcut key
 - Has a feature to store a personal bookmarked list of the words saved by the user for later review and better learning

TECHNICAL SKILLS

- **Languages:** C, C++, JavaScript, TypeScript, Java, HTML, CSS
- **Frameworks/Libraries:** React, Express, Node, Redux, 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, Calculus

POSITIONS OF RESPONSIBILITY

- **Web Development Team Member**, Zeitgeist - Cultural Fest, IIT Ropar Oct 2022 - Present
- **Web Development Team Member**, Pehchaan (NGO for educating the needy), IIT Ropar Aug 2022 - Present
- **General Secretary**, Board of Cultural Affairs, IIT Ropar Sep 2021 - Aug 2022
- **Club Representative**, Alankar - The Music Club, IIT Ropar Nov 2020 - Sep 2021
- **Branch Representative**, Mechanical (Dual Degree) Department, IIT Ropar Aug 2019 - Sep 2021

MISCELLANEOUS

- **HackerRank Certification** for my skills in React, Problem Solving, CSS, Java 2022
- **Highest Codechef Rating:** 1883 (4 Star Coder) 2021
- **Awarded HackerRank Gold Level Badge** in Problem Solving 2021
- **Submitted an Original Problem Idea** to Codechef 2021