

# NINAD SUTRAVE

✉ [ninadsutrave@gmail.com](mailto:ninadsutrave@gmail.com) ☎ +91 9769330051 📁 Portfolio 🌐 GitHub 🔗 LinkedIn

## EDUCATION

**Indian Institute of Technology, Ropar, B.Tech + M.Tech (Dual Degree)**  
**Mechanical Engineering, CGPA: 7.47**

Aug 2019 – May 2024 | Rupnagar, India

Key Courses: Introduction to Computing and Data Structures, Database Management Systems, Machine Learning, Linear Algebra, Probability and Statistics, Differential Equations, Advanced Calculus

## PROFESSIONAL EXPERIENCE

**Tech IndusOne Services, Full Stack Developer Intern**

Jun 2022 – Jul 2022 | Chandigarh (Remote)

- 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 - 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, Backend Developer Intern**

Mar 2022 – Apr 2022 | Mohali (Remote)

- 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, NPM Package** 📄

Mar 2023

- A responsive and highly customisable 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
- GitHub Link 📄 | NPM Link 📄

**Pehchaan - Ek Safar, Anonymous Voting Platform** 📄

Aug 2022

- 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
- GitHub Link 📄

**Teetsy, URL Shortener** 📄

Jun 2022

- A URL shortening and QR code generating service that facilitates strong engagement with the audience and presents a more convenient and professional way of sharing links via tweets, posters and social media
- Added support for custom URLs that are best suited for the users' purposes, as well as a click-tracking facility
- GitHub Link 📄

**LookUp, Chrome Extension** 📄

Jan 2022

- A Chrome extension that can retrieve information about meanings, phonetics, pronunciation, and synonyms of the word searched by the user - a handy tool for students, language learners and bloggers
- Added a feature to store a personalised bookmark list as well as a shortcut key ensuring quick access while browsing
- GitHub Link 📄

## SKILLS

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

## POSITIONS OF RESPONSIBILITY

**Mentor, Alankar - The Music Club of IIT Ropar**

Jun 2023 - May 2024

**Web Development Team Member, Zeitgeist - Cultural Fest, IIT Ropar**

Oct 2022 - Mar 2023

**General Secretary, Board of Cultural Affairs, IIT Ropar**

Sep 2021 - Aug 2022

## MISCELLANEOUS

**Secured 3rd Place, Street Play, Inter IIT Cultural Meet 5.0**

**HackerRank Certification, Problem Solving, React, JavaScript, CSS**

**CodeChef, Highest Rating - 1883 (4 star rating)**