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 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 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*