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
Dual Degree	Indian Institute of Technology, Ropar	7.30/10 (till 6th Sem)	2019-2022
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 Mohali (WFH)
  – Implemented optimised solutions, as an effective team member, for managing 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 Chandigarh (WFH)
  – Worked productively on the development as well as deployment of an online music education and collaboration platform
  – Contributed proactively towards implementing and designing the web application's most crucial APIs, databases and all other back end functionalities right from scratch, primarily working with NodeJS and Firebase

PROJECTS

- **Voting Ballot** *Aug 2022*
  Anonymous Voting Platform **Live Link** | **Github**
  – A MERN stack application to cast votes with anonymity by means of 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*
  Custom URL Shortener **Live Link** | **Github**
  – A free URL shortening service that guarantees stronger engagement with the audience and facilitates a more convenient and professional way of sharing links, based on the MERN stack
  – Supports a custom URL best suited for the user's purposes and also has a feature to track the number of clicks made
- **MidDay** *Dec 2021 - Mar 2022*
  Weather Application **Live Link** | **Github**
  – A React based dynamic website application that retrieves the current detailed information about the various weather parameters of any location entered in by the user, with the help of the geocoding and real time weather APIs
- **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
  – 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, NodeJS, Bootstrap, Redux
- **Databases/Tools/OS**: MongoDB, PostgreSQL, Firebase, Redis, Git, Vim, Figma, 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**, Pehchaan (NGO for educating the needy), IIT Ropar *Aug 2022 - Present*
- **General Secretary**, Board of Cultural Affairs, IIT Ropar *Sep 2021 - Aug 2022*
- **Event Head**, Music Events - Zeitgeist, IIT Ropar *Jan 2021 - Apr 2021*
- **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*