



# Ankur Bharali

Bachelor of Technology  
in Mechanical Engineering  
Indian Institute Of Technology, Ropar

+91-6001631497  
ankurbharali2@gmail.com  
GitHub | Website  
linkedin.com/in/ankur-bharali-53a13b225

## EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	7.87 (Till 4th Sem)	2020-2024
Senior Secondary	Central Board of Secondary Education	92.4%	2020
Secondary	Central Board of Secondary Education	91%	2018

## PROJECTS

- Anime Recommendation** May 2022 - May 2022  
*Machine Learning* **Github**
  - Utilized machine learning algorithms to analyze user data and make predictions on what other titles they might be interested in.
  - The model was trained on over 12,000 data points and can recommend similar animes.
- Automobile Price Predictor** May 2022 - May 2022  
*Machine Learning* **Github**
  - A python based API project using FastAPI.
  - Using various libraries such as pandas, json, pickles, seaborn, matplotlib, etc, build the project to determine the selling price of an automobile.
- Tensile Testing Machine** Apr 2022 - May 2022  
*Dhiraj K. Mahajan* **Github**
  - Using various sensors, load cell, stepper motor, microcontroller, Arduino and many more, build a machine that does the Tensile Testing on Polymer.
  - The Machine was designed to test how a polymer reacts to tensile test at different temperature.
- Employee Management System** May 2022 - May 2022  
*Personal Project* **Github**
  - Developed an Employee Management System (EMS) using C++ and Data Structures and Algorithms (DSA) which allowed for the tracking of employee attendance and leave.
  - The EMS had the ability to add and remove workers as well as keep track of worker attendance.
  - The project was created to be used by any organization in order to manage their staff more efficiently.

## TECHNICAL SKILLS

- Programming Languages:** C/C++, Python, Data Structures and Algorithm
- Development:** HTML, CSS, Bootstrap, JavaScript\*, Machine Learning\*
- Databases:** MySQL
- MATLAB:** MATLAB onramp, MATLAB simulink, MATLAB simscape, MATLAB Machine Learning

## KEY COURSES TAKEN

- CSE & Maths:** Algorithm & Data Structure, Discrete Math, Calculus, Linear Algebra, Differential Equations, Probability and Statistics
- Other Courses:** Solid Mechanics, Theory of Machines, Fluid mechanics, Thermodynamics, Biology for Engineers

## POSITIONS OF RESPONSIBILITY

- Volleyball Representative,** Volleyball Club, IIT Ropar Apr. 2021 - Apr. 2022
- Organizer,** Fresher'21 May. 2022
- Management Team,** Inter Year Sports Competition, IIT Ropar Mar. 2022 - Apr. 2022

## MISCELLANEOUS

- 4 star on Codechef,** Rated as a 4 Star Coder in Codechef. 2022
- Northeast Cluster,** Reached the quarterfinals of U-19 Northeast Cluster Football competition. 2017
- Machine Learning from Microsoft,** Taken a Microsoft offered course through coincent about Machine Learning 2022
- Web Development Bootcamp,** Taken the Frontend Development course offered in Udemy. 2021
- Qualified JEE Mains and JEE Advanced,** Cleared India's one of the toughest Entrance exam in the very first try. 2020