

## EDUCATION

BACHELORS OF ENGG	2018-22	Thapar Institute of Engineering and Technology	8.96/10	-
CBSE (Class XII)	2018	DAV Public School, Ludhiana	90.8%	2 <sup>nd</sup>
CBSE (Class X)	2016	DAV Public School, Ludhiana	10/10	-

## ACADEMIC PROJECTS

- **AUTONOMOUS TAXI (Ongoing):**  
Design a prototype for **self-driving car** using **Machine Learning**  
Car to be used in form of taxi.  
Design a **website** that will allow the user to book a taxi for themselves.
- **SORTING VISUALIZER**  
Randomly generates an array of the size provided by the user.  
User can choose among **Bubble Sort, Selection Sort, Merge sort** and **Quick Sort Algorithms** to sort the array.  
Used different colors so that user can easily view how sorting algorithm works.
- **LUX FITNESS**  
**Responsive** landing page for a gym.  
Displays plans for user to choose among from: Starter, Silver, Gold.  
Displays information about the trainers.  
Newsletter for people to sign up and get updates

## ACADEMIC ACHIEVEMENTS AND AWARDS

- HackerRank Badges: Obtained gold badges on HackerRank in problem solving and C++ and silver badge in C.
- Solved 600+ questions on gfg and leetcode.
- Ranked 2nd in Grade 12 in school.
- Awarded with Mahatma Hans Raj Trophy for Excellence in Academics in 10th Grade.

## CERTIFICATIONS

- **Data Structures in C++ by Coding Ninjas**  
Duration - 3 months  
Learnt the basic concepts of Data structures and Algorithms.
- **Problem Solving Certificate by HackerRank**  
Solved questions that covered basic topics of Data Structures and Algorithms

## SKILLS

## PROFICIENT

- C, C++, Data Structures
- Algorithm Design

## FRONT-END TECHNOLOGIES

- HTML/CSS
- JavaScript

## OTHER INFORMATION

- Links - **LinkedIn** - prernapuri0306  
**GeeksforGeeks** - prernapuri00  
**Hackerrank** - prernapuri00  
**Leetcode** - prernapuri
- Personal Strengths - Effective Communication, Teamwork, Willingness to Learn, Ability to Adapt, Open-mindedness, Drive to Achieve
- Tools - Microsoft (Word, Excel, PowerPoint)