

## PUNEET PRASHAR

Rajiv Gandhi Institute of Petroleum Technology

Mathematics and Computing|

Mobile No: +91 7042976343 Email ID: 21mc3012@rgipt.ac.in



EDUCATIONAL BACKGROUND			
COURSE	INSTITUTE	CPI/CGPA/ %	Year
<b>B. Tech Major in Mathematics and computing</b>	Rajiv Gandhi Institute of Petroleum Technology	8.91/10* *Up to 4 <sup>th</sup> Semester	2021-present
<b>Minor in Business Consulting</b>	Rajiv Gandhi Institute of Petroleum Technology	7.00/10*	2022-present.
Intermediate	Nehru World School(CBSE)	96%	2021
Matriculation	St . Paul's Academy (ICSE)	93.166%	2019

  

CODING PROFILES
<ol style="list-style-type: none"><li><a href="#">Codechef</a> – Rated 2* on codechef coding platform and solved more than 110 questions on codechef platform.</li><li><a href="#">Leetcode</a> -Solved 600+problems of DSA .</li><li><a href="#">Codeforces</a>- Rated 1200+ on codeforces .</li><li><a href="#">Geeks for Geeks</a>-Solved 50+problems on geeks for geeks coding platform .</li></ol>

  

PROJECTS
<b>1)Prediction of Prices Of Apartments in Bangalore City(completed)</b> The main aim of this project was to create a machine learning model that can determine the prices of various apartments in Bangalore city depending upon the factors such as area, size of apartment. This was an end to end application which required integration of web development as well as machine learning. Github : <a href="https://github.com/puneetprashar2003/Bangalore-Houses-price-prediction">https://github.com/puneetprashar2003/Bangalore-Houses-price-prediction</a>
<b>2.)Prediction of Possibility of having a certain type of Disease in Old Aged People(completed)</b> The main aim of this project was to predict if a person has any of three medical conditions. We are asked to predict if the person has one or more of any of the three medical conditions (Class 1), or none of the three medical conditions (Class 0). We created a model trained on measurements of health characteristics.
<b>3.) Physics Informed Deep Learning Solvers for Reaction-Diffusion Systems(ongoing)</b> For solving the 2D unstable advection-diffusion equation in numerical modelling, classical finite difference methods (FDM) were compared to a deep learning-based solver. • The accuracy, stability, and interpolation of the deep learning-based solver are superior to those of the FDM-based approaches. •

  

ACHIEVEMENTS
<ul style="list-style-type: none"><li>Qualified JEE Advanced which is one of the most difficult exams of country being in top 2.4 percentile.</li><li>Qualified JEE mains with rank in top 4 percentile .</li><li>Ranked second all over the department .</li><li>Received complete fee concession in class 11 on the basis of class 10 marks.</li></ul>

  

SKILLS
1) Machine Learning (Supervised ,unsupervised and reinforcement Learning),CNN,KNN. 2) Programming languages- C++, C, Javascript, golang, python(including libraries),HTML,CSS,JS. 3) AWS ,Docker, kubernetes, computer networking, Git,YAML

  

POSITION OF RESPONSIBILITY
1.OWASP Student Chapter- Technical head. 2.Codechef Student Chapter- competitive programming lead.

  

EXTRACURRICULAR ACTIVITIES AND HOBBIES
<ul style="list-style-type: none"><li>As a teaching volunteer devoted 100+ hours to teach chemistry to the underprivileged section of the society under the social initiativeof our institute Gyanarpan, Project Amethi. <b>2022-present</b></li></ul>