



MOHIT SARASWAT

EPE19066
Final year Petroleum Engineering
Undergraduate
Rajiv Gandhi Institute of Petroleum Technology
Jais, Amethi - 229304

Gender: Male

DOB: 26th February, 2002

Mobile: (+91) 7668968772

RGPT Email ID: epe19066@rgipt.ac.in

Personal Email ID: mohitkarab@gmail.com

LinkedIn: <https://www.linkedin.com/in/mohit-saraswat-167213195>

GitHub: <https://github.com/mohitmsms/porosity-prediction.git>

AIM: To innovate in new technologies to overcome challenges of hydrocarbon industry and contribute towards the tech-revolution.

EDUCATIONAL BACKGROUND

Degree/Exam	University/Institute	CPI/CGPA/%	YYYY
B. Tech (Petroleum Engineering)	Rajiv Gandhi Institute of Petroleum Technology, Jais	7.26* (till 5 th sem)	2019-Present
Intermediate/+2 (CBSE Board)	Milton Public School, Agra	80.20%	2019
Matriculation (CBSE Board)	K.D Public School, Mathura	9.4	2017

INTERNSHIPS

<p>1. Name of Organization: Brane Enterprises private limited, Hyderabad Title: Data Science project intern</p> <ul style="list-style-type: none"> Created FreeBsd commands functions in python. Created algorithms and APIs for Aadhar and Pan Card image detection using google Vision API and Flask. Created algorithms and APIs for visualization Matplotlib, Seaborn and OpenCV libraries in python. 	<i>Period: 23rd May'22-16th Sept'22</i>
<p>2. Name of Organization: Caliche private limited Title: Machine Learning project intern</p> <ul style="list-style-type: none"> Developed a machine Learning model for Prediction of chemical reaction yields using text-based form of chemical reaction called smiles. Learned about natural Language Processing and Deeping Learning concepts like RNN, LSTM, encoders and decoders, transformers and implement them for creating the model. 	<i>Period: january'22-31st March'22</i>
<p>3. Name of Organization: Oil and Natural Gas Corporation Limited (ONGC), Mehsana Asset Project Title: Well Services and Operations</p> <ul style="list-style-type: none"> Developed deep insights into major well services and workover operations. Studied about various oil recovery operations, health safety and management in oil industries. 	<i>Period: December'21-January'22</i>

RESEARCH PROJECTS

<p>1. To predict Porosity with help of AI/ML techniques.</p> <ul style="list-style-type: none"> Guide: Dr. Amit Saxena Technologies Used: Python3, TensorFlow, Artificial neural networks, Grid Search CV, Random searchCV, Decision Tree, Regression, SVM, Random Forest Regression, XGBoost regression, NumPy, pandas, matplotlib. <p>Project link: https://github.com/mohitmsms/porosity-prediction.git</p>	Sept. 2021
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SKILLS

- Programming Languages:** Python3, C, C++.
- Machine learning:** Pandas, NumPy, Matplotlib, Seaborn, NLP, Deep Learning.
- IDEs:** visual studio, Jupyter Notebook, Spyder, Sublime Text, Git, flask API.
- Software:** MATLAB, Kappa, AutoCAD, MS Office.

POSITION OF RESPONSIBILITY & ACHIEVEMENTS

1. Qualified JEE Advanced 2019 being among top 1 percentile JEE Aspirants.	May,2019
2. Finished in Top 3 of AIChE RGPT Quizzical Event.	22 nd october'21
3. Tutor of Mathematics at Community Toppr.	March,2020-Present*

EXTRACURRICULAR ACTIVITIES & CERTIFICATIONS

1. Devoted 500+ hours Teaching Volunteer over 2 years to teach the unprivileged village children under Gyan-Arpan Social Club.	2019-2021
2.Event Management Team Member at AAPG SC RGPT.	2020-2021
3.PR Team Member at SPE RGPT SC.	2020-2021