



# MD ALTAMASH MAZHARI

B.Tech - Final Year Petroleum Engineering  
 RAJIV GANDHI INSTITUTE OF PETROLEUM  
 TECHNOLOGY  
 Jais, Amethi - 229304

Gender: Male

DOB: 3 July 1999 ; Age: 22

Mobile: (+91) 6205163015

RGPT Email ID: epe18023@rgipt.ac.in

Personal Email ID: altamash.mazhari@gmail.com

LinkedIn: www.linkedin.com/in/mdmazhari

## EDUCATIONAL BACKGROUND

Degree/Exam	University/Institute	CPI/CGPA/%	YYYY
B.Tech (Petroleum Engineering)	Rajiv Gandhi Institute of Petroleum Technology, Jais	8.52 (till 6 <sup>th</sup> sem)	2018-Present
Intermediate/+2 (CBSE Board)	Delhi Public School, Bokaro	96.00%	2017
Matriculation (CBSE Board)	Delhi Public School, Bokaro	10	2015

## INTERNSHIPS

<p><b>1. Summer Internship – OIL AND NATURAL GAS CORPORATION (Mehsana – June’21)</b></p> <ul style="list-style-type: none"> <li>Familiarisation with oil field operation conducted at Mehsana Asset.</li> <li>In depth understanding of Production facilities, usage of Artificial lifts, Pumps and workover operations.</li> </ul>
<p><b>2. Summer Internship – OIL INDIA LIMITED (Assam – July’21)</b></p> <ul style="list-style-type: none"> <li>Familiarisation with oil field operation as well as the economics behind oil production.</li> <li>In depth understanding of Drilling Operations, Well Development, Reserves Appraisal and Application of Geophysics and Petrophysics for Exploration purposes.</li> </ul>
<p><b>3. INTERNSHIP – Adani Gas Limited (Faridabad – December’19)</b></p> <ul style="list-style-type: none"> <li><b>Project Title – PNG - Steel</b></li> <li>Developed a thorough understanding of the pipeline networking in the city gas distribution system.</li> <li>Understood the three domains of CGD that are Residential PNG, Industrial PNG and CNG.</li> <li>Learnt about the various operating procedures for transportation of gas in different conditions of pressure and temperature.</li> <li>Learnt about the valves, latest equipment, pumps and piping materials used in the CGD industry.</li> </ul>

## PROJECTS/FIELD TRIPS

<p><b>1. Title: Application of Artificial Intelligence/Machine Learning to study cutting transport in oil well and its effect on Equivalent Circulation Density.</b></p> <p><b>Mentor – Dr Amit Saxena</b></p> <p>Equivalent circulation density (ECD) is vital in drilling operations. Poor management of ECD can lead to many drilling obstacles that can increase the delivery time of the well. The aim of this study is to utilize deep learning techniques like artificial neural networks (ANNs) to create a model to estimate ECD prior to drilling.</p>	Sep 2021
<p><b>2. Title: International Switch Energy Case Study</b></p> <p><b>Mentor - Francesco Minuto</b></p> <ul style="list-style-type: none"> <li>Developed an energy generation and distribution plan for the Democratic Republic of Congo.</li> <li>Dealt with the present social political and economic challenges of the country to provide practical solutions.</li> </ul>	July 2020

<ul style="list-style-type: none"> <li>Used a good mixture of conventional and unconventional resources of energy to develop a sustainable solution.</li> <li>Exposure : Understand the economics behind such a large-scale project, Cross country communication with team members from France and Brazil</li> </ul>	
<b>3. Title: ENERGY FLOWER - Renewable Energy</b> <ul style="list-style-type: none"> <li>A solar tracking efficient panel to maximize the generated energy by following the path of sunlight.</li> <li>Used a dual-axis tracker which allows the panels to move on two axes, aligned both north-south and an east-west.</li> <li>It could track seasonal variations in the height of the sun in addition to normal daily motion.</li> <li>Exposure: Arduino Coding in C++, Dual Axis Tracking</li> </ul>	Jan 2019
<b>4. Title: Field Trip to Dehradun-Mussoorie Sector</b> <b>Mentor – Dr Rifat Azmi</b> <ul style="list-style-type: none"> <li>Studied about the major lithostratigraphic units of the Himalayas</li> <li>Understood the chronostratigraphy of the lesser himalayas.</li> <li>Witnessed the various geological cross sections like Tals, Siwaliks, Krols, Mohand structures,etc</li> </ul>	Dec 2019

#### SKILLS

- Software Skills:** C, Python, Microsoft-Office
- Additional Skills:** Public Speaking, Writing Skills, Team Work and Communication

#### AWARDS & ACHIEVEMENTS

- 2 times consecutive winner of RGIPT Scholarship.
- Winner of the Winter School'19 for the project Energy Flower
- Nominated by the FIPI Student Chapter from RGIPT to participate in WPC Conference 2021
- Pseudo Placement Offer'20 Winner, A mock run for placement conducted by SPE Student Chapter
- Secured All India Rank 12371 in JEE Advanced 2018 and AIR 145 in IISER SAT'18
- Represented School at National Level after securing Rank 1 in the city in CBSE Cryptic Crossword Contest 2015 and 2016

#### EXTRA CIRRICULAR ACTIVITIES

- Editorial Head, SPE Student Chapter
- Editorial Head and Social Media Handler, Science and Technical Committee, RGIPT
- Primary Teacher and Volunteer, RGIPT Social Council-Arpan
- Event Management Head at Energia (Sports Fest) and Pratidhwani (Freshers)

Address: Qtr. No. 2248, Sector-4/A  
 Bokaro Steel City  
 Jharkhand-827004

Signature:



Date: 12 November 2021