Mohammad Shoeb

Lyon, France |(+33) 0780834383 | 9319shoeb@gmail.com | www.linkedin.com/in/9319shoeb/

Profile

I am a 2nd year PhD candidate in chemistry with a focus on CO_2 capture technologies, passionate about applying my research skills to various challenges in the industry. Through my PhD, I have developed strong technical skills in laboratory work and data analysis, alongside key soft skills like communication, teamwork, and project management. I'm excited to bring both my technical expertise and collaborative approach to a dynamic team where I can contribute to impactful projects and continue to grow in the chemical industry.

Education

PHD IN CHEMISTRY |IFP ENERGIES NOUVELLES| NOV 2022 – PRESENT (END NOV 2025)

· Thesis title: Impact of NOx on amine degradation during post combustion CO_2 capture.

M2: SYNTHESIS CATALYSIS AND SUSTAINABLE CHEMISTRY | UNIVERSITÉ CLAUDE BERNARD (LYON I) | 2021 – 2022

· CGPA 14.4/20
· Rank 4 in class

M.SC. ORGANIC CHEMISTRY | ALIGARH MUSLIM UNIVERSITY | 2019 – 2021

· CGPA 8.48/10
· First division and distinction

B.SC. CHEMISTRY | ALIGARH MUSLIM UNIVERSITY | 2016 – 2019

Work experience

INTERNSHIP |ENS LYON | (2022) 6 MONTHS

· Synthesized Rhenium complexes and viologen ligand in gram scale.
· Investigated redox responsive properties of the complexes using Cyclic Voltammetry

Skills & Abilities

· Advanced analytical techniques (GC, IC, IR, NMR, UV)
· Experimental Design and Implementation
· Data Analysis and Interpretation
· Chemical Synthesis and Characterization
· Communication
· Collaboration

Activities and Interests

Hiking, sports activities, travel, arts and designing

References

PhD supervisor - Etienne GIREL (etienne.girel@ifpen.fr); Ludovic CHAHEN (ludovic.chahen@ifpen.fr)