

ABHISHEK KUMAR

CHEMICAL ENGINEERING | IIT KHARAGPUR

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CAREER OBJECTIVE

To gain practical experience and learn new skills. I aim to contribute to the company's objectives while developing my skills under the guidance of experienced professionals.

ACADEMICS

TRAINING | Heavy Engineering Corporation Limited

Workshop in Foundry Forge Plant

The workshop focused on pattern making, mould creation, casting, and melting metals using an electric arc furnace and a ladle furnace to raise the temperature and adjust the composition.

B.E. FINAL YEAR PROJECT

Designing and development of the Cavitation-based water treatment.

The project is based on the advantageous way of utilising cavitation by rupturing the microbe's cells from the hydrodynamic force.

M.TECH PROJECT

Simulation on multi-effect desalination process and optimisation.

Developed a comprehensive simulation model for single and multi-effect systems and compared it with actual plant data. Also integrated thermal and mechanical vapour compression and performed optimisation.

EDUCATION

MASTER OF TECHNOLOGY | CHEMICAL | IIT KHARAGPUR

AUG 2022- MAY 2024

CGPA: 8.39

BACHELOR OF ENGINEERING | CHEMICAL | BIT MESRA

JULY 2016- JULY 2020

CGPA: 7.39

CLASS XII | SKP VIDYA VIHAR, BANKA | CBSE

MAY 2015

84.40%

CLASS X | DAV PUBLIC SCHOOL, BHAGALPUR | CBSE

MAY 2013

CGPA: 9.2

SKILLS

- Good knowledge of Chemical engineering fundamentals.
- Well-acquainted with computational and simulation software Ansys and MATLAB.
- Efficient in Internet and basic Computer applications- Microsoft Office (Word, Excel, and PowerPoint).

Other Professional Activities

2019 – 2021

- Worked as a freelancer over FIVERR
- Successfully worked for 112 clients and completed around 256 projects.