



ARIYAN MADID

MECHANICAL ENGINEER



SUMMARY

Did B-Tech in Mechanical Engineering with a strong focus on understanding mechanical systems. My internships at Numaligarh Refinery Limited and Indian Railways provided me with hands-on experience in studying reciprocating compressors and diesel locomotive engines. I am passionate about engineering design, and have worked on projects like a chainless bicycle and an analysis of a horizontal blade turbine.



CONTACTS

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LINKEDIN

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KEY ACHIEVEMENTS

- 360 Degree Flexible Drilling Machine**
Designed and fabricated a 360-degree flexible drilling machine, showcasing strong capabilities in mechanical design and engineering



SKILLS

AutoCAD · C programming · CFD ·
graphics engineering



EXPERIENCE

Numaligarh Refinery Limited

Numaligarh, Assam

Intern

Internship program focused on reciprocating compressors

- Conducted a brief study on reciprocating compressor

Indian Railways (Diesel Locoshed)

Guwahati, Assam

Intern

Internship with a focus on diesel locomotives

- Worked on diesel locomotive engine and learned about its various parts and functions



EDUCATION

Dibrugarh University

Dibrugarh, Assam

B-Tech in Mechanical Engineering



SKILLS

- Good at Badminton ·
- played many tournaments in cricket ·
- good at mathematics ·
- good memoriser ·
- have physical power to sustain work ·
- can handle difficulties with calmness ·
- can fascinate people with communication ·
- good manners and behaviour ·
- can attract people with innovations ·
- good in TT and basketball as well ·



PROJECTS

Chainless Bicycle

A project focused on innovative two-wheeler design

- Developed a chainless bicycle that utilizes a propeller shaft to rotate the rear wheel



LANGUAGES

ENGLISH, HINDI,
ASSAMESE,
GERMAN, URDU, ARABIC
Beginner



INTERESTS

- Reading self-improvement books
Playing team sports
Volunteering for community programs
Traveling and exploring new cultures
Learning new languages



CERTIFICATION

Numaligarh Refinery Limited

A brief study on reciprocating compressor

Indian Railways

Diesel Locomotive Engine



STRENGTHS

- strong and positive mindset**
i have positive and strong mindset and have ability to stay optimistic, focused, and resilient in the face of challenges. it involves believing in oneself, embracing growth, and maintaining a constructive attitude no matter the circumstances



PROJECTS

Analysis of Horizontal Blade Wheeled Turbine

An analysis project using CFD to evaluate turbine performance

- Analyzed the performance of a horizontal bladed wheel turbine using ANSYS software and CFD analysis
- Provided insights into its aerodynamic performance



FIND ME ONLINE

- **Linkedin**
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