



# NASIR ALI

## Mechanical Engineer

PEC # MECH/37761

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🏠 NUST Boys hostel, PNS Jauhar,  
Karsaaz Karachi.

## WORK EXPERIENCE

### ▶ SHAN INDUSTRIES

(Jan'18-Present)

Project Martin Dow; Installation, supervision and Inspection of Ducting and Piping.

Application Engineer.



### ▶ WAPDA Power Complex Skardu.

(Jul'16-Sep'16)

Intern at Power house 2 of 9.8MW.

Understanding & observation of Turbines, generators, governors and water head.



## ACADEMIC RECORD

### ▶ Bachelors in Mechanical Engineering (B.E)

National University of Sciences and Technology

PNEC – NUST (2013-2018)

CGPA 3.07



### ▶ Fsc. Pre Engineering

Federal Inter College Karachi,

FBISE 2011-2013

79.99%



### ▶ Matriculation

Al Mustafa Higher Secondary School Skardu,

FBISE 2009-2011

82%

## OBJECTIVE

To obtain the position of an engineering trainee at your company which will enable me to portray my educational background and organizational skills, benefiting the consumers as well as the company.

## PROJECTS

- ▶ **FYP (FINAL YEAR PROJECT):** Design and Fabrication of a Human Powered Hybrid Car.
- ▶ **TUNED MASS DAMPER:** Design and fabrication of a Prototype tuned mass damper, Earthquake solution for skyscrapers.
- ▶ **DYNAMICS PROJECT:** Design and Fabrication of weight lifting crane prototype using gears and motors.
- ▶ **C# PROGRAMMING PROJECT:** E Job portal for company with ready GUI using C#.
- ▶ **WORKSHOP PROJECT:** Fabrication of an 'Adjustable Bookshelf', using lathe and milling machines.

## SOFTWARE SKILLS

- ▶ SolidWorks for 2D drafting, 3D drawing and assemblies.
- ▶ ANSYS Workbench
- ▶ Adobe After Effects & Photoshop
- ▶ NI Multism and Circuit Simulator 1.6 for designing circuits.
- ▶ Microsoft Visual Studio 2012 Programming for console and GUI programs using C#.
- ▶ Microsoft Word, Excel and PowerPoint.

## SOCIETIES

- ▶ **NUST SHAMA-E-ILM:**  
A society dedicated to educate street children of Karachi. I was part of media & publications team.
- ▶ **ASHRAE PNEC NUST**  
Member of American Society of Heating Refrigeration and Air Conditioning Engineers, PNEC Student Branch.
- ▶ **GSDNB**  
Green Society Development Network GB.  
Co-Founder.

## REFERENCES

Available on requests