


JASIR MUHAMMAD

MECHANICAL ENGINEER

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VALUE

PROPOSITION *I would like to join a dynamic organization where I have opportunities to apply my Engineering Management knowledge and become a professional of excellent repute by effectively contributing towards the goal of the organization.

EDUCATION

BACHELOR OF ENGINEERING – B.E. MECHANICAL ENGINEERING
NED University of Engineering & Technology, Karachi – Pakistan.
Graduation Year: 2018 (CGPA: 3.3)

INTERMEDIATE – H.S.C. (Pre-Engineering Group)
Adamjee Govt. Science College – Board of Intermediate Education, Karachi-Pakistan.
Passing Year: 2014 in A+ Grade (84%)

MATRICULATION-S.S.C. (Science Group)
Saqib Public School- Board of Secondary Education, Karachi-Pakistan
Passing Year: 2012 in A+ grade (90%)

INDUSTRIAL INTERNSHIPS

INTERNEE (ENGINEERING CUMMINS DEPARTMENT) Oct 2017-Nov2017

ORIENT ENERGY SYSTEMS Pvt. LTD, KARACHI, PAKISTAN

- Studied the principles and operations of the Cummins diesel engines.
- Calculated the back pressure of Cummins Diesel Sets C900d5 and C1400d5.
- Studied principle and operations of Shuangliang Absorption Chillers.
- Studied principle and operations of Dunham Bush Compression Chiller.

INTERNEE (AIRCRAFT ENGINE OVERHAUL) June 2017-July 2017

PAKISTAN INTERNATIONAL AIRLINE, KARACHI, PAKISTAN

- Studied the principles and operations of the gas turbine engine.
- Studied the basic aircraft mechanics and learned about the theory of flight.
- Studied differed types of aircraft control systems.

INTERNEE (QUALITY DEPARTMENT) Apr 2017 – May 2017

DAWLANCE Pvt. LIMITED, KARACHI, PAKISTAN

- Study of welding shop including shop layout ,welding line process, welding machine and defect
- Gather offline data information and make statistical analysis to determine root cause for defects.

FINAL YEAR PROJECT

Project Title:

- “Implementation of Lean Methodology and Productivity Improvement in Dawlance Pvt. Limited.”

Project Scope:

- To reduce changeover time in Injection Molding Shop, to work out for a better inventory system and to apply 5S methodology.

My Contribution:

- As a group leader, I assign tasks to my group mates and remain intact with them and industry officials regarding the overall process of the project. Prepare gantt chart, conducted time study and calculated estimated cost and pay back period of the proposed solutions.

MEMBERSHIPS



Member, **INSTITUTION OF MECHANICAL ENGINEERS**

Membership Number: 80268748

SEMINAR/ TRAININGS

- ✓ Technical Seminar on “**Natural Ventilation: Concept and Design**” by **Mr. JOHN ZHAI** arranged by ASHRAE Pakistan Chapter.
- ✓ Technical Seminar on “**Dynamics of Leadership and its Challenges**” by **Mr. Victor Goldschmidt** arranged by ASHRAE & Pakistan HVACR Society.
- ✓ Conference on recent developments in Design, energy and Alternate Fuels.
- ✓ IMEC (**7th International Mechanical Engineering Conference**) jointly organized by IEP and NEDUET.
- ✓ Seminar on Road Safety and Management by National Highway and Motorway Police.

COMPUTER

*Microsoft Office, Outlook, AutoCAD-17, NX8.0

LANGUAGES

*Urdu and English.

HOBBIES

*Reading novels, socializing and indoor games.

INTERESTS

- ✓ Reading Technology
- ✓ Lean Manufacturing
- ✓ Quality Management

REFERENCES

Yousuf Hasani
Principal Consultant
Continental Marine Energy Sdn Bhd
Malaysia
yousuf@cm-energy.com.my

Noor ul Hasnain
General Manager
Carachi Motor Company
Karachi
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