



# YAWAR ALI

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## PROJECTS

### • Final Year Project

Design, analysis and solution optimization of an oil well using ALS - Artificial Lift System In technical collaboration with PPL and Weatherford.

### • HVAC System

Heating and cooling load calculation, chiller selection, diffuser selection, duct sizing and P&I diagram of a three floor building.

### • Design of a Car

Designed shell and chassis of a car for Shell Eco Marathon project and a car for handicapped people using SolidWorks.

## PROFESSIONAL SKILLS

- MS Office
- Solid Works
- HAP
- PTC Creo
- MATLAB
- ANSYS

## PERSONAL SKILLS

- Problem Solving Ability
- Result Oriented
- Team Management
- Stress Management

## MEMBERSHIP AND AFFILIATIONS

- Pakistan Engineering Council
- ASME Student Member
- IMechE Affiliate
- WWF Pakistan Member
- Youth Parliament Member

## PERSONAL INTEREST

- Wanderlust
- Sports
- Current Affairs
- Social Work
- Gardening

## OBJECTIVE

Mechanical Engineering graduate having elementary experience of machine shop management. Through my experience I have honed my managerial and technical skills to be more resourceful for my future employer. I intend to get employment in an organization that can offer attractive remuneration, learning environment & long-term career prospective in my respective field.

## PROFESSIONAL EXPERIENCE

### Trainee Engineer | Bolan Castings Limited (Hub, Pakistan) Machine Shop

April 2018 - Present

- Organizing and managing production schedules.
- Liaising with material management, quality assurance.
- Organizing the repair and routine maintenance of production equipment.
- Labour management.

### Marketing & Sales Executive | Brandsmen (Karachi, Pakistan)

October 2017 – April 2018

- Accomplishing marketing and sales target.
- Planning developing, implementing and evaluating; advertising, merchandising and trade promotions of clients.
- Contributing marketing and sales information and recommendations to strategic plan review.
- Staff and labour management.

## ACADEMIC QUALIFICATION

### Bachelor of Mechanical Engineering | DHA Suffa University 2013 – 2017

CGPA: 3.53 - 3<sup>rd</sup> position holder

Majors: Project Management, Production Management, Maintenance Engineering, HVAC, Computer Aided Design and Manufacturing.

### Higher Secondary School Certificate | Bahria College Karachi 2010-2012

## AWARDS AND ACHIEVEMENTS

### Merit Scholarships | DHA Suffa University 2013-2017

Graduated as 3<sup>rd</sup> position holder of batch. Getting merit scholarship in 5 out of 8 semesters.

### Founder and President | ASME DSU Student Section 2013 - 2015

Organized different workshops, seminars and events as president of the student chapter of American Society for Mechanical Engineers.

### International Award for Young People | HRH Duke of Edinburgh 2012

My efforts for community services were recognized by The International award for young people given by HRH Duke of Edinburgh.