Muhammad Jawad Zahid

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OBJECTIVE

Want to work in an environment where I can take something every day, where I find myself in continuous learning and every day I want to see my new self. I love to set goals individually and collectively and then have my best efforts to complete them so that they can help me shaping my Career Personality & Experience as well as the Company

PROFESSIONAL EXPERIENCE

✓ **Project Engineer**
ICI Soda Ash Business, Khewra, Pakistan (March 2016 to July 2018)
Company Profile: http://www.ici.com.pk/
Some of my responsibilities:

- Part of Construction Team for 18 MW Power Plant & 75 kTPA LSA Expansion Projects
- RFQ Issuance, Evaluating RFQ Technically and Commercially, Pre-Bid clarification with Vendors, Contract Management, Responsible for Efficient Procurement for the Construction Team
- Involved in Equipment Budgeting & Ensure implementation of Organization's Procurement Policies, Procedures, Standards, and Formats using SAP to ensure Efficiency and Confidentiality
- Dealing with Local Vendors. Making Comparatives, PRs and POs
- Keep updated the Design, Procurement and Construction Monitoring Sheets
- Making Monthly Progress Report (MPR) of the Project
- Involved in the Maintenance Jobs
- Worked in Mechanical and Supply Chain Departments

✓ **Internee**
ICI Soda Ash Business, Khewra, Pakistan (June 2014 to July 2014)
Company Profile: http://www.ici.com.pk/
Tasks performed during Internship:

- Involved in Maintenance Activities of Plant Equipment
- Preparing Reports
- Designing of Centrifugal Pump
- Designing of Heat Exchanger

EDUCATION

- **Mechanical Engineering, Bachelor of Science** September 2011 – June 2015
  Ghulam Ishaq Khan Institute of Engineering Sciences & Technology (GIKI), Topi, Pakistan
  Website: https://www.giki.edu.pk/
  CGPA - 3.00 / 4.00
  Core Courses - Thermodynamics, Fluid Mechanics, Heat Transfer, Refrigeration & Air-conditioning, Design of Machine Elements, Mechanics of Solids, Manufacturing Technology, Theory of Machines, Mechanical Engineering Design, Mechanical Vibration, Internal Combustion Engines
  PEC Registration No: MECH / 34967 http://verification.pec.org.pk/

- **Pre Engineering, Higher Secondary School** August 2009 – April 2011
  Punjab Group of Colleges, Lahore, Pakistan
  Obtained Percentage - 91.36%
  Core Courses – Pre-Engineering

- **Matriculation, Secondary School** September 2007 – April 2009
  Adabistan-e-Soophia School, Lahore, Pakistan
  Obtained Percentage - 92%
  Core Courses – Sciences

FINAL YEAR PROJECT

- **Designing & Fabrication of a Slot-Die Coater**

  Slot Die Coating is one of the methods of applying liquids to a substrate with uniformity of coating thickness and a uniform surface finish with the desired characteristics. The design of the Slot Die Coater was finalized on **CREO Parametric** and flow analysis was done on **ANSYS**. Slot Die Coating can be used for wide variety of applications

  i. Thin film deposition / Fabrication of sensors
  ii. Printing & Packaging (flexible substrates)
  iii. Fabrication of Organic Light Emitting Diodes (OLED)
  iv. Manufacturing electronic components / Fabrication of photovoltaic cells

  Project Details Link: http://msaad42.blogspot.com/p/slot-die-coater.html
  Project Video Link: https://vimeo.com/153174098

- **Highlights of the Project**

  i. 1st Position in Final Year Project Competition in Mechanical Discipline
  ii. Represent the Project in Pakistan Council of Scientific and Industrial Research (PCSIR) Exhibition, Peshawar

SEMESTER PROJECTS

✓ **Designing and Modeling of Crane Machine on CREO Parametric**
Designed the whole Crane machine on the software. Made all the parts of the crane machine separately and then combined them as one complete unit. Also included the mechanism tasks (belt mechanism, chain mechanism, gear mechanism, hydraulic mechanism) of the crane machine

✓ **Designed Suspension Spring System of a Car**
The project belonged to the Design of Machine Elements subject. Done all the calculations of a simple 4 wheel automobile with an assumed weight and then calculated all the stresses, forces and various parameters on the spring

✓ **Manufacturing of Remote Control Plane**
Simple RC Plane. The design of the plane was made and finalized on the AutoCAD

- ✓ Manufacturing of Water Wheel

  Simple electricity generation from water. An electric bulb was light up by simply connecting dynamo with the water wheel

SKILLS

- ✓ Team working skills
- ✓ Can handle pressure situations & meet deadlines
- ✓ Have used **AutoCAD, CREO Parametric, ANSYS, MATLAB**
- ✓ Efficient use of Microsoft Office **(MS Word, Excel, Power Point)**
- ✓ Efficient use of **SAP**
- ✓ Made plans in **MS Project**
- ✓ Report Writing, Good Typing

ACHIEVEMENTS

- ✓ Successfully commissioned 18 MW Power Plant Project at ICI Soda Ash Business
- ✓ Successfully commissioned LSA 75 kTPA Expansion Project at ICI Soda Ash Business
- ✓ 1st Position in Final Year Project Competition in Mechanical Department in University
- ✓ Awarded scholarship from ICI Pakistan Limited for Engineering
- ✓ Awarded 100% scholarship from Punjab Group of Colleges
- ✓ Awarded shields & trophies in studies and sports at School Level

HOBBIES

- ✓ Playing Lawn Tennis
- ✓ Playing Cricket, Badminton, Table Tennis
- ✓ Like Travelling and meet with people
- ✓ Have interest in Reading Books
- ✓ Love Mathematics & Calculations

LANGUAGES

- ✓ Urdu - Native
- ✓ English - Fluent

References shall be provided on demand