

Tallal Ahmed Khan

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Highlights

- MSc in Mechanical Engineering, National University of Science and Technology, Islamabad, Pakistan
- 3 years of freelancing experience in Engineering, Education, Web developing
- 6 months of experience as intern in Solar Energy Contracting Services
- Research Work on ***The Importance of Comparative Analysis in Procurement Process***
- Autodesk Certification in REVIT MEP & Diploma in HVAC (Heating, Ventilation and Air Conditioning)
- Real Estate Consultant, Event Management and Candy Manufacturing experience in Pakistan
- Experience in Procuring food ingredients for Candy Manufacturing in Pakistan from Rawalpindi City
- Academic Projects and Industrial Visits
- Area of interest: Administration, Procurement, Inventory Management , Operations and Production

Objective

Looking for a challenging career opportunity with a reputed organization to utilize and enhance my engineering skills and contribute towards organization's growth.

Skills

- Inventory Management (Material Resource Planning)
- QuickBooks (Inventory Management, Purchasing)
- Strong Negotiation
- WordPress Web developing
- Tech-Savy
- Quality Assurance and Control
- Regulatory Compliance
- Email & Phone Messaging and calls
- Long Term Relation Building
- Production and Manufacturing
- Documentation and Reporting
- Microsoft (Word, Excel and PowerPoint)
- Enterprise Resource Planning End User
- Instruct and Problem Solving
- Improvised Communication Skills
- Entrepreneurial Skills (Ability to take risks, Innovative & Change-Oriented)
- Market research and Internet Surfing
- Comparative Analysis in selection of Supplier

Professional Experience

Research Work

(April 2023 - Present)

Working on review paper "The Importance of Comparative Analysis in Procurement Process"

Selection of Contractors, Suppliers and Vendors is very critical step in procuring demanded elements. Procurement concentrates on the strategic process of products or service sourcing. Over the years with advancements in technology and past practices have refined the steps for the selection procedure. This paper is showing the importance of Comparative Study while selecting the source in optimized way.

Online Engineering Consultant
Social Media Groups (Fiverr, WhatsApp Groups)

(Oct 2019 - Dec 2022)

- Provided Engineering Services to clients online through social media platforms
- Client Relationship building
- Negotiation with suppliers on different demanded items
- HAP (Hours Analysis Program) Heat Load Calculation provided
- Provided Calculation in Off grid home Solar system Designing
- Designed and developed WordPress website for client in Google AdSense Based Revenue Generation.

Intern

(Aug 2015 - Jan 2016)

A&M Solar Energy Solutions

- Contributed in Off-grid Solar system design calculations with engineers
- Completed all task set by the supervisor and assisted in various daily tasks
- Worked with operations, maintenance and customer service department
- Observed existing strategies and Techniques and offered improvement strategies
- Travelled to different sites and gaining practical experience in new work zones

Qualifications

MS Mechanical Engineering - NUST Islamabad

Graduated 2021

Research Methodologies, FEM Analysis, Optimization Techniques, Advance Mathematics, Fracture Mechanics, Manufacturing System Design, Heat and Mass Transfers, CAD Software (CATIA), Analysis Software (ANSYS), SIMIO Production Modeling Software, Advance Manufacturing Design Techniques

Bachelor's in Mechatronics Engineering - Air University

Graduated 2015

Machine Designing, Industrial Automation, Thermodynamics, Probability & Statistics, Workshop Technology, Engineering Materials, Electromechanical Systems, Instrumentation and Measurement System, Modeling and Simulation of Dynamic Systems, Manufacturing Process

Certifications

Diploma in Heating Ventilation and Air Conditioning

2021-2022

Revit MEP: Building Information Management

02/2023-03/2023

Other Experiences

Real Estate Consultant (Self-employed)

Candy Manufacturing Business

Event Management

Industrial Study Tours

Well theoretical and conceptual understanding has been made on industrial automation and industrial machineries as well.

- Chamkon Medical Industrial Pvt Limited Pakistan
- Cabot Surgical Pvt Limited Pakistan
- Pakistan Ordinance Factory Wah Pakistan (Academic Visit)
- Zaheer Snacks Manufacturing Pvt Limited
- Bestway Cement Factory

Area of Interest

- Operations and Administration
- Research and Development
- Product Design Engineering and Industrial Mechatronics/Automation
- Manufacturing, Production Engineering Management