

# SAAD SHAFI AHMED

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ADDRESS: Dubai, UAE

## Objective

Seeking exciting opportunities which will effectively utilize my technical and analytical experience in an organization with an engaging and passionate work environment.

## Work Experience

**Engineering Leadership Program Participant (ELP) at Aditya Birla Group (UltraTech Cements)** Jan 2021-Jan 2022

- Prepared daily work breakdown, manpower schedule and contractor invoices. Was responsible for energy management system of utilities section of the plant.
- Aided in performing breakdown analysis and creating purchase requisitions in SAP.
- Provides project manpower analysis and other reports to bolster project planning and implementation.
- Provide advice and technical assistance with cost analysis, fiscal allocation, and budget preparation.

**Project Engineer at KG-Mech Electro-Mechanical Ltd** Feb 2022-Jul 2023

- Managed and Analysed the Ordering and Costing of Materials using SAP.
- Prepared regular project reports and other documentations for respective projects as per quality process.
- Responsible for handling of all the back-end processes and providing proactive support and communication in an effort to identify problems, create solutions and take ownership over the implementation of efficiency improvements.

## Education

Year	Degree	Institute	Percentage/CGPA
Apr 2024- Present	Master of Engineering Management	University of Wollongong in Dubai	-
2016-20	B-Tech (Mechanical Engg.)	National Institute of Technology, Warangal	7.71/10
2015-16	Class XII (TSBIE)	Sri Chaitanya Junior College, Hyderabad	98.5%
2013-14	Class X (CBSE)	International Indian School, Al-Jubail (KSA)	9/10

## Technical Skills

- SAP PM, MS Excel, Tableau, SQL

## Projects

**Structural Health Monitoring using piezoelectric wafer active sensors**

- Built a prototype that monitors health of structures by generating waveforms which are then analysed by a signal processing software to detect energy losses.

**Optimization of Compressed Air Consumption and reduction in power consumption.**

- Collected data about air requirement along with conduction of pump-up tests for compressors and observed power consumption of load and unload kW for detailed analysis of the system.
- Performed Leakage Test and identified leakages in drain valves, threaded joints, hose pipe damage, pneumatic cylinder, pressure gauge fitting and FRL units with ultrasonic detector and marked key places for frequent checking of leakages
- Reduced daily power consumption by **15%**, saving **6 lakh rupees** monthly.

**Sports Analytics Dashboard using Tableau**

- Developed an insightful Tableau dashboard and compelling storyline for sports analytics using IPL matches statistics.
- Utilized complex calculations, table calculations, level of detail (LOD) expressions, and custom formulas for presenting IPL Statistics including comprehensive toss analysis and key player statistics.

## Scholastic achievements

- Cracked JEE-MAINS with **AIR 3474** out of 16 Lakh candidates.
- Scored **94.96 percentile** in CAT (Common Admission Test for graduate management programs) with a **94.95 percentile in Quantitative Ability**.

## Positions of Responsibility

➤ **General Secretary** at RADIO CLUB NIT Warangal August 2019-July 2020

- Managed a team of 40+ RJs and Electronic Amateurs and Coordinated Bi-Weekly podcasts for circulation of college related information and weekly entertainment.

➤ **Sub Coordinator** of Hospitality and Transportation in SpringSpree'19

