

Muhammad Yaseen

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Education

Ghulam Ishaq Khan Institute (GIKI) of Engineering Sciences and Technology, Pakistan. *Swabi, Pakistan*
Bachelor of Science in **Mechanical Engineering**. *2017-2021*

Professional Experience

Hi-Tech Fence and Steel industry | Technical Sales Engineer *Lahore, Pakistan*
Hi-tech Fence and Steel industry is a Saudi Arabia based manufacturing company. I work remotely for this company from Pakistan. *July 2023 – Present*

- **Cost Estimation:** Developed detailed cost analyses for production items based on client-specific requirements, utilizing advanced Excel tools for precision. Conducted meetings with Saudi clients to discuss fence designs, costing, and project specifications.
- **Documentation:** Prepared and managed comprehensive pre- and post-production documents, ensuring smooth project execution and adherence to timelines.
- **Client Collaboration:** With expertise in fence systems (chain link, temporary, security) and CRM tools (HubSpot, Odoo), client collaboration (Saudi market experience), and end-to-end project documentation for seamless production execution.
- **Fencing Systems Expertise:** Acquired in-depth technical knowledge of various fencing systems, including chain link fencing, temporary fencing systems, and other specialized security solutions.

Osmani and Company (Pvt.) Ltd | Trainee Engineer *Karachi, Pakistan*
Osmani and Company is one of the best-leading consulting companies for more than 60 years. This company has completed many international projects. *Sept 2022 – Present*

- **Skills development:** Designed a complete route of drainage and water supply in both **Revit** and **AutoCAD** according to the codes and standard requirements which include NFPA, NPC, and many more.
- **Technical Knowledge:** Understood the mechanics behind routes of Drainage and Water supply along with the understanding of different fittings and their usage in different scenarios.

AMAL ACADEMY *Karachi, Pakistan*

Education startup funded by Stanford University that teaches professional skills to students and corporations.

Career-Prep Fellow: *July 2022 – Oct 2022*

- **Communication:** Completed a competitive written application and interview process to be selected from over 4500 applicants for an intensive 3-month Fellowship funded by Stanford University.
- **Skills development:** Invested 150 hours to develop business skills (**communication, leadership, problem-solving, teamwork**) that will help me make a deeper impact on the job.

Ghulam Ishaq Khan Institute (GIKI) | INTERNSHIP *Swabi, Pakistan*

Ghulam Ishaq Khan Institute (GIKI) is the most prestigious institute in Pakistan and I have done this internship with assistant professor Dr. Sohail Malik. *Dec 2020 -Feb 2021*

- **Research:** Conducted research on **Wire Arc Additive Manufacturing (WAAM)** process and make a draft on its types, pros, cons, and different procedures to make this process more efficient.
- **Creative thinking:** Created an excel file of all research papers according to their published date, their scope, and type for better understanding.
- **Reliability:** Gathered all research papers on WAAM to study different methods and skim through all of them to make an excellent draft on the WAAM process.

Academic Experience

Wire Arc Additive Manufacturing (WAAM) Process *Swabi, Pakistan*

Wire Arc Additive Manufacturing (WAAM) is a production process used for making 3D metallic parts. Wire arc heat is used for melting metallic wire and by layer-to-layer deposition 3D metallic parts are produced.

Final Year Project: *July 2020 – May 2021*

- **Teamwork:** Coordinated with a team of 2 members to carry out the project.
- **Effective study skills:** Performed design calculations with relevance to published research.
- **Creativity:** Modelled 3D design on SOLIDWORKS software for 2D movements.
- **Critical thinking:** Tested the model on a routine basis, analyzed faults, and recovered them accordingly.

- *Business communication*: Reported to the supervisor Assistant Professor weekly via emails and personal meetings.

Extracurricular Experience

Project Topi a Welfare Society

Swabi, Pakistan

Project Topi is a welfare society for helping needy people of Topi. This society deals with needy students, patients, children, and workers.

- *Valuable Team Player*: Managed to arrange funding for many needy students of the university through effective team lead.
- *Organizer of Blood Donation camp as a Team*: We as a team were able to organize a Blood donation camp at our university and it was a huge success as we were able to gather about 250 blood donors.

Honors, Certificates, and Awards

Scholarship (GIKI University and Commecs College)

Karachi, Pakistan

- Received a partial scholarship from The Citizen's Foundation for Ghulam Ishaq Khan Institute because of my outstanding academic record. 2017
- Received full scholarship on Commecs College for excellent board result of the first year. 2016

I have attended many seminars and sessions for improving my soft skills and cope with the advancement happening in the engineering field which includes:

- BIM according to ISO 19650 24th Dec 2022
- Project Management 26th Nov 2022
- Executive Communication 3rd Oct 2022
- **Data Analytics**: Completed the Data Analytics course with timely assignments, punctuality, capstone project, and outstanding remarks using advanced **Excel** and **Power Bi**.

Additional

- *Software skills*: AutoCAD, Revit, Power Bi, Excel, SOLIDWORKS, HubSpot, CRM, Odoo
- *Soft skills*: Leadership, Strong interpersonal and communication, Critical decision-making, Adaptable.
- *Interests*: Technology, E-gaming, Movies, Anime.
- *Language*: English, Urdu