

Sajid Anjum

MECHANICAL ENGINEER

PERSONAL INFO

Address:

Jamia Nagar, Okhla, 110025 New Delhi, INDIA

Phone

+91-8266049554

E- Mail

sajidanjum724@gmail.com

LinkedIn

www.linkedin.com/in/sajid-anjum/

LANGUAGES

English



Fluent

Hindi



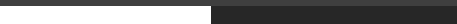
Fluent

Urdu



Fluent

Bengali



Basic

SKILLS

- ◆ Communication
- ◆ Adoptability
- ◆ Team Management
- ◆ Critical Thinking
- ◆ Collaboration
- ◆ Problem Solving

PROFILE

A Mechanical Engineer has a robust technical background with ability in HMT, applied mechanics and machine design. Quite good in HVAC, Microsoft Office, AutoCAD, Solidworks, ANSYS Fluent, FEA, and team management. Also passionate about research and development related activity with having an extensive knowledge of engineering design. Now I am looking for a career in MNC where I can utilize my skills and knowledge and further gain new things to achieve personal as well as organization goals.

EXPERIENCE

Mechanical Design Engineer Pvt. Ltd. June 2021 – Present

AL- Tech Sealing Solution India, New Delhi, India

- ◆ Performing planning for complete hydraulic/ pneumatic system likes— hydraulic/pneumatic cylinder, power pack, hydraulic jack, Scissor lift, hydraulic press machine, etc. with the comprehensive knowledge of product line and design.
- ◆ Component design including characterization, specification creation, identification of essential/non-essential design outputs.
- ◆ Creating drawings and bill of materials for new designs.
- ◆ Reviewing technical specifications, analyzed technical data to determine appropriate limits and variables for product specification.
- ◆ Reviewing and interpreting international standards and regulations in the hydraulic and pneumatic industry (ISO, ASME, ANSI, DIN) while creating new designs.
- ◆ Developing and performing basic stress/system calculations using Division CAE (such as FEA) and also implement design improvements and cost reductions across the entire product line.
- ◆ Deriving continuous improvement in product line by reducing cost, lead time, and production time.
- ◆ Coordinating with product groups, customers and suppliers for the technical information's.

Mechanical Design Engineer, August 2019 to May 2021

Hercules Structural System Pvt. Ltd. New Delhi, India

- ◆ Created and maintained system and component design.
- ◆ Supported component design, styling, purchasing, and manufacturing to ensure the bearing product is meeting required specifications.
- ◆ Supported the validation and manufacturing strategy for all bearing system variants from concept to through production.
- ◆ Ensure designs are meeting the safety, quality, reliability, development schedule, and cost goals set for the whole goods and accessory product planning groups.
- ◆ Collaborated with designers and engineers from other system teams.
- ◆ Prepared preliminary sketches, layout, and/or presentations to aid in the understanding and solutions of engineering problems.
- ◆ Participated and support design reviews on assigned projects to ensure adequate input and involvement.

EXPERTISE

- ♦ AutoCAD
- ♦ SOLIDWORKS
- ♦ Creo
- ♦ NX SIEMENS
- ♦ ANSYS Fluent
- ♦ MATLAB
- ♦ Simulation
- ♦ GD&T
- ♦ MS Office
- ♦ Photoshop

REFERENCES

DR.SYED FAHAD ANWER

Aligarh Muslim University

T: +918126634354

E: sfahadanwer@zhcet.ac.in

DR. BASHARAT JAMIL

Aligarh Muslim University

E: basharatjamil@zhcet.ac.in

EDUCATION

- | | |
|-----------------|--|
| 08-2015-07-2019 | Aligarh Muslim University, Aligarh, India
Bachelor of Engineering <ul style="list-style-type: none">♦ Mechanical Engineering♦ 8.52 CPI |
| 07-2012-06-2015 | Aligarh Muslim University, Aligarh, India
Bachelor of Engineering <ul style="list-style-type: none">♦ Mechanical Engineering♦ 80.22 Percentage |

INTERNSHIP

- | | |
|-----------------|--|
| 06-2018-07-2018 | INDIAN INSTITUTE OF TECHNOLOGY, Madras, India <ul style="list-style-type: none">♦ Design, modeling and simulation of a prosthetic heart valve to analyze the Hemodynamics of fluid flow.♦ Produced a technical report of engineering activities and accomplished the tasks.♦ Attended educational courses, outside seminars, webinars and expand technical skills. |
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PROJECT

- ♦ Design and fabrication of AUV (Autonomous Underwater Vehicles) SEA 3.0 at MTS AUV ZHCET (Zakir Husain College Of Engineering Technology) CLUB, Aligarh Muslim University, in 2019.
- ♦ Numerical simulation and hemodynamic analysis of flow in a simple model of aortic stenosis under the supervision of Dr. Syed Fahad Anwer at Zakir Husain College of Engineering and Technology, AMU Aligarh.
- ♦ Design and Fabrication of Solar Car Under the supervision of Dr. Mohd. Younus Khan at University Polytechnic , AMU Aligarh.

EXTRACURRICULAR ACTIVITIES

- ♦ Participated as an Event Manager in **ZARF"17"** an annual college fest, and contributed in the management of cultural events ZHCET (Zakir Husain College of Engineering Technology) Aligarh Muslim University.
- ♦ Secretary, Common Room, Sir Ross Masood Hall, Aligarh Muslim University, Aligarh, India.
- ♦ Joint Secretary, Public Relation, Sir Ross Masood Hall, Aligarh Muslim University, Aligarh, India.
- ♦ Attended Workshop on Introduction to IC Engine Simulation conducted by Skill & LYNC at ZHCET (Zakir Husain College of Engineering Technology) Aligarh Muslim University.
- ♦ Attend 15 days' Workshop on ANSYS Software held at ZHCET (Zakir Husain College of Engineering Technology) Aligarh Muslim University.