**Momin Aqib (MIET-UK)**

**D-2, Momin Park-1, Tandalja Road, Vadodara, India**

**Mobile Number: +918460155686; +919998983301**

**Email:** **aqib.momin@yahoo.in**

**Birthdate: 18/10/1992**

**Availability: Immediately available**

**Personal Profile:**

Myself MSc (Mechanical) Engineering & Management (UK) graduate. This combines with my BSc Mechanical Engineering has greatly given me very in-depth knowledge of manufacturing, material sciences, research & development, sustainability, designing, electronics, business and management of – projects, team & resources. In addition to this, my work experience gave me the opportunity to enhance my skills for performing production, fabrication & maintenance of static & rotary equipment (Oil & Gas Industry), Health & safety, preventive/break down maintenance, troubleshooting, operation set-up, sales, designing, research & development, and manufacturing. I am seeking a position within an organization where I can demonstrate and gain more practical skills in the Mechanical Engineering field.

**Key Skills:**

**Technical Proficiencies:**

**Computer-Software Skills: •** Primavera p6-software of Project Planning • C, C++ & Java Language • Auto CAD• Pro-e (CREO Parametric 2.0) • MATLAB • SolidWorks • ANSYS• CFD • MS Project • Mind view • Mind Genius • Dragon • Microsoft Office Suite (Word, Excel, Access, PowerPoint) • Internet Browsing Skills (Journal Articles/Literature Searching etc), etc.

**Research & Designing:** Designing of Catalyst, FEA of TRUSS with the help of MATLAB, Thermal Analysis by CFD on the Heat Exchanger by ANSYS, Creation of the WBS & Gant Chart by MS Project

* Flexibility to work on a range of projects & ability to manage projects using Engineering principles and techniques
* Skills in problem-solving, creativity, numerical & statistical analysis
* Ability to work under pressure and to motivate others to meet tight deadlines
* A high level of technical and scientific knowledge and the ability to apply this knowledge to practical problems
* Good oral communication skills and confidence in dealing with a range of people, including clients, contractors, designers, directors and plant operators
* Awareness of Health & Industrial safety such as- use of various fire extinguishers, breathing apparatus, other firefighting equipment, fire alarm system installed in the plant, emergency telephone numbers, Manual Call Point (MCP), safety shower eye wash function, first aid kit, emergency escape route, etc.
* **Languages Known:** (Read, Write, Speak) English, Hindi, Gujarati Excellent

**Education and Qualifications:**

**Jan’ ‘17 – Jun’ ‘18 De Montfort University (DMU), Leicester in the UK**

* **MSc (Mechanical) Engineering & Management** (Accredited by the **IET**)

Modules (included both, Mechanical Engineering & Business/Organization Management modules): People Management and Organization, Research Methods, Advanced Thermodynamics and Heat Transfer, Low-Impact Manufacturing, Critical Management in a Global Context, Management of IT, Project Management, Advanced Solid Mechanics, etc.

**MSc Dissertation: “Identification of Drivers of & Barriers to Remanufacturing & solutions”**

* The thesis that contains the critical approach and analysis of consumer products which are being remanufactured and the future positive improvement suggestions towards the sustainable development-circular economy by strongly promoting the sustainable production-Refurbishment / Remanufacturing / cleaner production.

**2011 - 2014 – Parul Institute of Engineering & Technology - (GTU) India.**

* **B.E. Mechanical Engineering (Graduation) with Distinction**

Some related Modules: Engineering Graphics, Kinematics of Machines, Manufacturing Process, Fluid Mechanics, Product design value engineering, Mathematics, Management, Machine Design, etc.

**B.E. Final Year Project: “A Novel Approach for Productivity Enhancement in Small Scale Industries”**

* An approach to increasing productivity mainly by the implementation of TPM, 5’S, Kaizen, Kanban, Lean Manufacturing, TQM (Total Quality Management), Modern Machining Processes & Machineries.

**2014 -** **Diploma in Project Planning Management** including learning of **Primavera p6** software

**2016 - Post Graduation Diploma in Export-Import Management** in which gained theoretical as well as practical knowledge of Export Marketing Management, Import Trade Management, International Marketing, Export Finance, Logistics, Processing Export-Import Orders, Export Packaging, EOU (Export Oriented Unit), Free Trade Zone, etc.

**Work Experience:**

**Aug’ ’17 – Feb’ ‘18 – Environmental Chemistry Department, DMU in the UK**

* **Worked (Researched, Designed & Developed) as an Engineer Intern in the wastewater treatment Catalyst- based on UV & Ozone development project.**
* Managed the team and engaged in research project based on Advanced Oxidation Processes (AOP)- Ozone, UV based catalyst, designing and setting up for the wastewater treatment (including designing, deciding the flow rate, method selection for the generation of Ozone, UV, equipment selection & procurement such as Ozone destructor, Ozone gas detector, flow meter, etc.)
* Performed Mechanical components designing, material selection & procurement
* Learnt research, lab equipment usage, literature search, analysis, critical approach, problem-solving, designing- Solid Works, report writing, communication management, etc. various range of skills

**Apr’ ‘17- Sustainability Department at DMU and Loughborough city council in the UK**

* **Worked (voluntarily) as a team leader for the auditing, wrote reports and conducted an analysis, critical evaluation & the result analysis of the work.**

**Feb’ – Apr’ ’17 - Square Mile- Health & Life Sciences- Diabetes Project- DMU, (Leicester in the UK)**

* **Worked as an intern - Project Officer and achieved successful completion of the project along with throughout communication and coordination with team members**
* Was responsible for Diabetes awareness task, critical report writing, team management, research & development tasks of the project of Diabetes in the UK
* Prepared Diabetes Board Game, Game apps ideas and translation of manuals

**‘15 - ’16 - Shree Ganesh Corporation Refrigeration & Manufacturing Industry, India**

* **Worked as Trainee Mechanical Engineer and responsible for manufacturing, installation & commissioning of the ice making plant and selling of cold storage equipment**
* Communicated with clients/customers
* Managed shop floor supervision/coordination

**’14 ’15 – Reliance Industries Limited, India**

* **As a Trainee Mechanical Engineer (under the AMC Contractor M/s. Jacon Engineers Pvt. Ltd.) oversaw the job planning and maintenance of rotary & static equipment**
* Managed & supervised a work crew
* Managed the communication between the project team and the plant control room
* Prepared tools, materials, risk assessment, work permit & work progress record keeping data book and organized a toolbox talk

**Professional Development/Achievements:**

* Achieved Higher Education Achievement Report **(HEAR)** in theUK
* Achieved **IEMA** approved Green impact auditing training
* Completed the Health & Safety, Gender Equality & Diversity Training, Safe & Supported, Safeguarding, **Excel**, **Bloomberg Market Concept**, **Google Digital Garage,** etc. certificates &Training
* Gained the certificate for attending the Workshop On Modern Automotive Technology
* Actively participated in sports and technical competitions and gained voluntary Experience

**Affiliations:** Member of the IET (The Institute of Engineering and Technology) MIET - UK

**References:**

Available upon a request