Dear Sir or Madam,

I recently went across your advertisement for the vacancy of Industrial Designer. I hereby present you myself for the post.

My name is Muhammad Humais Zia Siddiqui. I am a Mechanical Engineer from NED University graduated with a CGPA of 3.38. I have full working rights in Australia and currently looking for a placement in any prestige organization like yours.

I have been working on SolidWorks for the last 5 years. I am also a certified CAD/CAM product designer from NED University. However, my affection to design and my thirst of modeling is still not quenched.

In recent past I have worked on a project to automate material handling system for MaPak Edible Oil Pvt. LTD. and provided a complete warehouse solution, where using Solidworks, I:

* Designed a Screw Conveyor and all of its components, in accordance to CEMA standards.
* Key features used were; Sheet metal, Weldments, 3D sketching, Assembly features, Simulation and Static and Buckling analysis.
* Designed Structural Pallet Racks in accordance to RMI standards using weldments feature.
* The design incorporated all safety measures included in international standards of CEMA and RMI
* 2D drawings with details and BOM for tender, manufacturing and installation of system
* Used motion study to animate the working.
* did the static and buckling simulations to ensure its safety and sustainability.
* Made a 3-D Model of whole warehouse showing the placements of all machinery
* Used motion study to create a small video showcasing the work flow and concept of proposed system.
* The design was made to meet the manufacturing and fabrication limitations
* BOM and welding details for required components were included

Other than this I also worked as part-time freelancer for designing and simulating multiple projects in diverse field stretching from automotive parts to electronic components. Portfolio can be provided on request.

I also am acquainted with MATLAB as part of coursework and Arduino as a separate course which I believe shall stand me out when compared to other candidates.

I have attached my CV for you to peruse specifying my qualifications, skills and experiences in more detail.

I can be contacted on this E-mail address or other contact details provided.

I am highly interested in joining your team. Looking forward to hear from you soon.

Regards,

M Humais Zia

E-mail: humais.zia@gmail.com