

DATE: 05/03/2020

Dear Hiring Manager,

I am a Graduate student pursuing Master's in Industrial Engineering Specializing in RAMS engineering. I am writing this letter so as to apply for the internship position in the field of Reliability in your esteemed organization. Being a graduate student, this opportunity is suitable for me and I have all the required skills set required in this field to apply for it. I have two years of work experience in tool design and development department after completing my bachelors. As a design and development engineer, my role was to co-ordinate the manufacturing processes and planning all the activities right from raw material stage to final assembly stage. This experience helped me to establish myself in the industrial world and shape me as a good professional engineer. In my master's program, I am engaged in the courses such as Applications of Reliability Engineering, Occupational Health & Safety, Reliability and Maintenance program for design and manufacturing. The courses are designed in such a way that it helps in expanding and enhancing my skills and knowledge of FMEA, Statistics, Reliability Program Plan (RPP) and its maturity assessment, DFR (Design for reliability), Excel tools for different functions, Factors of safety, building safety elements table (excel table for safety elements) etc. and which in turn will help me to start a career in this field in future. Reliability Projects which I participated in this course provided the detailed concepts of how to apply it in practical and industrial world.

I did my project on Reliability Analysis of a fleet of diesel locomotive to determine whether the financial requirements i.e. the warranty costs are satisfied and is within the limits based on the reliability target set. This project helped me in improving my skills in building FMEA and how to build Weibull tool. Now, I am currently occupied in two projects which are Reliability analysis for Space elevator and application of the safety assessment tools for an Engine testing program at Space Concordia.

I believe all the above skills and experiences will help me in achieving this role owing to which I can get a opportunity to employ all my skills and also enhance my learnings by working in this reputed organization.

I believe this is a position where my passion for this field will continue to grow. I would appreciate the opportunity to meet with you to discuss how my skills and knowledge will be beneficial to your organization's success.

Looking forward to hear from you and if you have queries u can contact me at any time on following contact details.

Thanks and Regards,

Rahul Gupta

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