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Human Resources
National Instruments
Am Waldschlosschen 2
Dresden 1099

Munich, January 9, 2018

Application for the job post of Entwicklungsingenieur - Embedded Software und Systeme
Your Advertisement Number: 170000HZ

Hello,

This is with great interest that I would like you to consider me for the position of Ingenieur (w/m) für Test- und Auswertungsmethoden elektrotechnischer Systeme [8276] in your esteemed company. I believe that my skills and experience match perfectly for this position and I am certain that you will immediately relate the job requirements to my professional qualifications.

As you can see from the attached resume, I am currently a student at Hochschule Ravensburg-Weingarten, pursuing my Master's degree in Electrical and Embedded Systems. At the moment, I am working on my Master's thesis at the Technical University of München.

My skills and knowledge, that may be an added advantage to the job applying for, are as follows:

- **Extensive knowledge in Embedded programming using VHDL and SystemC.**
  As an individual who is interested in professional development, I had delivered a Port Expander board developed using environments such as EAGLE PCB designer and ModelSim (for Verilog and VHDL). During my master studies, I have also developed a SystemC program with a focus on the timing and RTL of certain blocks of 8051 Microcontroller and Synthesized the VHDL version of the same using XILINX ISE design suit.
- **Highly proficient in LabVIEW, Matlab/Simulink and C/C++ programming languages.**
  My strong programming skills can be validated right from the works in Bachelor Studies. I have worked with different Microcontrollers like the Arduino, Raspberry Pi and Beaglebone under several projects. I am certified in LabVIEW and hold a certificate of Certified LabVIEW Associate Developer (CLAD). I have done several projects including a part of my Master Thesis using the LabVIEW platform.
- **Broader Experience in Hardware designing using Eagle.**
  On pursuing my Master Thesis, which focuses on delivering a hardware solution, I was able to design the hardware according to the problem statement. This involved selection of appropriate hardware configuration, designing the layout and Schematic using Eagle and testing the finished hardware.
- **Experience in Robotics and Aerospace Industry.**
  Employed with Skylark Drones Pvt. Ltd. as an Electronics and Flight Control Engineer, I have demonstrated strong problem solving skills and the ability to work in high-pressure and challenging working environments. My responsibilities varied through commissioning, maintaining, installation and testing of highly sophisticated aerial robots and drones.
- **Ability to interact and effectively communicate with people, in English and German, from diverse backgrounds, highlighting teamwork and problem solving.**

I would really appreciate if we could meet up for a follow up job interview so I can demonstrate how perfectly I would fit to the designated role. You can call me at +49 176 24082328 or drop me an email at jagadeesh.srmuniv@gmail.com.

Thank you so much for your time and considering my letter for the job post.

Sincerely,

Jagadeesh Kumar. A