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Dear HR Representative,

I am writing to apply for the position of Electrical Engineer as recently advertised on LinkedIn. After reading the job description, I became very excited about the opportunity your company has to offer. I was exposed to some of the products developed by your company during my previous internship at Duke Energy. When I was an intern at Duke Energy, I worked with several of your electric meters with 4G capabilities. I also worked with some of the software suites you offer to help get real time data from the meters and analyze that data to avoid revenue losses from industrial customers.

I recently completed my Master's in Electrical Engineering from the University of Cincinnati with a focus in embedded systems. I took multiple courses in firmware development and micro-controller programming. I have strong skills in electronic design and embedded programming and software development. I am comfortable working in both the software and hardware side of electronics devices.

The energy sector is one sector in which I am very interested. Finding ways to create devices that will help us monitor the grid in real-time goes beyond having control of the distribution. I believe that the more we can get real-time data of electric usage in our different distribution systems, the more we can put in place systems that will help us only produce our needed energy.

In my last project, I developed a smart home monitoring system that was both financially accessible and secure. I believe that accessibility and security are the most important factors when we are developing these products. When I read the job description of this position, it aligned perfectly with what I was trying to accomplish and my career goals.

I have excellent written and verbal communication skills and I enjoy working with other people. I like solving problems and finding solutions to continually improve products or processes.

I believe that getting this job will give me a chance to work with an experienced team that's shaping this area of offering smart solutions for building better electric grid systems.

I would love to have an opportunity to discuss this opportunity in more detail and share more about my skills and experience in an interview. I look forward to hearing back from you soon. I can be reached by phone or email and am available anytime in the next few weeks for an interview.

Kind Regards,

**Djibril Sall**