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HR
Coinbase
Waterloo, ON

Dear HR,

I am excited to apply for the Backend Software Engineer position at Coinbase as advertised. With over two years of experience in software engineering, a strong background in developing and maintaining production services, and a passion for building an open financial system, I am confident in my ability to contribute effectively to your team.

In my current role as a Graduate Researcher at the University of Guelph, I have conducted extensive research on transformer-based models for semantic data transmission in end-to-end communications. This project involved developing and training models using PyTorch and demonstrating their practical implementation on Xilinx SoC boards. My experience in handling complex technical challenges, such as optimizing data transmission and ensuring system reliability, has honed my skills in building scalable and efficient solutions.

During my tenure as an Undergraduate Research Assistant and Software Developer at the University of Guelph's Robotics Institute, I designed and deployed applications using AWS services and managed PostgreSQL databases. These projects required me to write high-quality, well-tested code to meet the needs of various stakeholders. Additionally, my role involved maintaining and optimizing a range of services, ensuring their seamless operation in a service-oriented architecture.

Furthermore, my experience managing a self-hosted home lab has equipped me with practical skills in containerization and orchestration using Docker and Kubernetes. This hands-on experience has taught me the importance of resource efficiency, scalability, and robust infrastructure maintenance.

I am particularly drawn to Coinbase because of its commitment to building an open financial system that brings the world together. I am eager to bring my technical expertise and enthusiasm for innovative solutions to your team. I am confident that my background in developing and scaling production services, coupled with my dedication to writing high-quality code, aligns well with the requirements of this role.

Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experiences align with Coinbase's goals. Please feel free to contact me at your earliest convenience to schedule an interview.

Sincerely,

Murtadha Saeed Nisyif