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Hiring Manager,
Nasdaq, Inc.
151 W 42nd St.
New York, NY 10036

Dear Hiring Manager,

I am writing to express my interest in the Software Engineering position at Nasdaq. After learning about the technological advancements and pioneering solutions that Nasdaq is known for, I am excited about the possibility of contributing to the company's vision. With my rigorous academic background in Computer Science and Mathematics from the University of Massachusetts-Amherst and hands-on software engineering experience at renowned firms, I am confident in my ability to add value to the Nasdaq team.

While interning at Amazon, I had the opportunity to develop, implement, and optimize several tools and solutions, including a remote debugging tool that has significantly cut down on-device debugging hours, and a React Native library that facilitates code reuse. This, combined with my experience in creating a highly efficient AWS-based CI/CD pipeline and high-performance proxy resolvers, illustrates my capabilities in tackling complex technical challenges.

Furthermore, my research at UMass Amherst revolved around the enhancement of inclusive remote events—a subject that has become crucial in today's work-from-home era. My initiative to develop an API for real-time attendee feedback has augmented meeting notes by an average of 35%, emphasizing my commitment to creating solutions that address pertinent issues.

My software engineering internships at TechFarm and Sciquel (Harvard Innovation Lab) enriched my expertise in full-stack development, efficient database management, and API optimization. These experiences have equipped me with the skillset to handle high-traffic platforms, streamline API performance, and reduce memory usage and latency in demanding environments.

I am particularly proud of my achievements at the British American Tobacco Hackathon, where my team and I ranked 2nd out of 400 teams. My leadership roles at UMass, coupled with the Bay State Fellow distinction, underscore my potential to not only excel technically but also lead teams and inspire innovation.

At Nasdaq, I am eager to further utilize my comprehensive skills in software engineering to drive the organization's technological advancements and market solutions. The dynamic environment

at Nasdaq, marked by innovation and global impact, aligns perfectly with my passion and expertise. I am convinced that my technical proficiencies, combined with my collaborative mindset and problem-solving approach, make me a strong candidate for this role.

Thank you for considering my application. I am looking forward to the possibility of discussing how my experiences and aspirations align with Nasdaq's goals and objectives. Please feel free to contact me at 4132104239 or kiento0905.hec@gmail.com.

Warm regards,

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