AMAN ZAVERI

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Software Engineering, Intern position at Aquatic, as advertised. The opportunity to contribute to a firm at the forefront of quantitative finance, leveraging advanced technology to solve complex problems, deeply resonates with my passion for software engineering and its tangible impact. I am particularly drawn to Aquatic's commitment to building high-performance, distributed systems, a domain where I have a proven track record of success.

My experience in developing route-aware fuel optimization widgets and real-time analytics platforms aligns perfectly with the requirements outlined in the job description. For instance, I architected a route-aware fuel optimization widget in Kotlin and Java, utilizing a graph-ranking engine that increased recommendation accuracy by 40% for in-vehicle navigation. Furthermore, I delivered a real-time React analytics platform, which was built with Flask and PostgreSQL, to serve 1,000 enterprise users. These projects demonstrate my ability to design and implement solutions that directly improve system performance and user experience.

I am also eager to work in a team that prioritizes results and delivers tangible impact. My history of automating PR validation pipelines with n8n and GitHub Actions, which saved 20 minutes per deploy, showcases my ability to streamline processes and increase efficiency within a collaborative environment. I am confident that my skills in Python, C++, and Linux-based environments, combined with my understanding of algorithms and systems, make me a strong candidate for this role. I am a highly motivated individual who thrives in ambitious environments, and I am excited by the prospect of contributing to Aquaticâ€™s innovative work.

Aman Zaveri