

# AMAN ZAVERI

647-676-8981 | a2zaveri@uwaterloo.ca | [LinkedIn](#) | [GitHub](#)

Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Software Developer position at Zomp Inc, as advertised on your careers page. The opportunity to contribute to a cutting-edge software solution for oil and gas pipeline analysis deeply resonates with my passion for developing impactful and innovative technology. The chance to have end-to-end ownership of features, participate in open-source development, and use the latest .NET technologies is especially exciting.

My experience aligns strongly with the required skills and desired assets outlined in the job description. For instance, I architected a route-aware fuel optimization widget in Kotlin and Java, which involved designing complex algorithms and integrating with a graph-ranking engine. This experience directly translates to the algorithm development aspect of analyzing gas and oil pipelines that you seek. Furthermore, my development of a real-time React analytics platform using Flask and PostgreSQL, serving 1,000 enterprise users, demonstrates my ability to design and implement scalable APIs and web applications, skills that are highly relevant to developing the ASP.NET Core Web API and Blazor application for pipeline data access.

Beyond these specific projects, I am proficient in C# and .NET, possess a strong understanding of data structures and algorithms, and have experience with SQL Server, fulfilling the essential requirements for this role. My background also includes experience with enhancing data handlers with async queues, which speaks to my ability to optimize system performance. I am eager to leverage my skills and experience to contribute to Zomp Inc's continued success and to further develop my expertise in the oil and gas pipeline analysis domain.

Thank you for your time and consideration. I look forward to the opportunity to discuss my qualifications further.

Aman Zaveri