## **DANIEL LAM**

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Monday, February 5th, 2024

Kris Clement

Actalent Services

3100 Côte-Vertu Ouest, Suite 190

Ville Saint-Laurent, Québec H4R 2J8

**Subject: Intern (Full-Stack Software Development) with Actalent Services**

Dear Mr. Clement,

I am writing to express my sincerest interest in filling your open position as an Intern (Full-Stack Software Development) at Actalent Services. As an ambitious and motivated student majoring in Software Engineering at Concordia University and graduate from the Computer Science Technology program at Dawson College, I believe that my knowledge and my experience with front-end development (HTML, CSS, JavaScript, React), server-side development (Node.js, Express.js) and back-end development (MySQL, PostgreSQL, Docker) will prove to be an invaluable asset.

Upon closer examination of your job description, I noticed that your job description is very keen on hiring candidates with experience in JavaScript frameworks, SQL, Git versioning control and OOP principles which is ideal as I worked on countless projects that demonstrated my experience with these competencies. In a previous C# project, I simulated the interaction between a flock of sparrows and a predatory raven. My responsibilities encompassed coding the class logic for the Raven and Flock models, configuring the MonoGame framework for user-friendly interfaces, input management and sound effects. Furthermore, I also implemented the MSTest framework for comprehensive unit testing, ensuring the accuracy of any operations applied to the models.

As for my experience in JavaScript frameworks, I led a previous project of four developers as scrum master and spearheaded the development of DMDB, a project inspired by IMDB, employing React components from the Mantine library and utilizing Node.js with Express.js for the backend. My personal contribution includes incorporating a unique method to store large blobs of movie poster images fetched from the TMDb API into Microsoft Azure’s Blob Storage Service which improved website loading times massively. In addition to my expertise in the specified technologies, my proficiency in high-level programming languages like Java, JavaScript, and Python underscores my adaptability to your tech stack and any future technologies Actalent Services may employ. I am eager to provide my skills and passion and I am committed to contribute effectively to your dynamic team.

As such, I would very much like to discuss opportunities with Actalent Services and would appreciate the opportunity for an interview to elaborate on how my technical skills can benefit your team. Please feel free to contact me at **(514) 826-9869** or via email at [lam.daniel.123@hotmail.com](mailto:lam.daniel.123@hotmail.com) to schedule a meeting.

Thank you for considering my application. I am looking forward to the prospect of meeting with you.

Sincerely,

Daniel Lam