

September 19, 2024

TribalScale, TribalScale Canada HQ
Toronto, Ontario

Dear Hiring Manager:

I am writing to express my strong interest in the *Agile Software Engineer* Co-op at TribalScale. I am a software engineering student at the University of Victoria in British Columbia. I am eager to learn and grow in the field of computer and software engineering, and I believe that this role will help me gain valuable work experience related to my interests and help me acquire a practical understanding in a real-world setting.

Throughout my academic endeavours, I have had the chance to explore and learn about many important concepts in software engineering, such as object-oriented programming, software architecture design, agile methodologies and software testing. My academic and project experiences align well with the requirements of this position:

- **Swift and Mobile Development:** I have developed a simple iOS weather application using Swift, leveraging the OpenWeather API to provide real-time weather updates. This experience enhanced my skills in mobile application development and deepened my understanding of Swift and iOS frameworks.
- **Full-Stack Development:** I've worked on full-stack applications, using TypeScript, React, and Python. In several projects, I designed system architectures and developed schemas for relational and non-relational databases like PostgreSQL and MongoDB.
- **Testing and Automation:** I have experience with build automation tools like Maven and Gradle, and web automation tools such as Selenium, Puppeteer, and WebDriverIO. I am proficient in unit testing with frameworks like JUnit, pytest, Mocha, and API testing using Postman.
- **Collaboration and Agile Practices:** As an active member of the Engineering Students Society and VikeLabs, I have mentored peers, participated in hackathons, and engaged in coding workshops. This has honed my skills in agile methodologies and collaborative development environments.

I am currently available for **8 to 16-month** work term and would be open to the possibility of participating in more than three consecutive terms. Thank you for considering my application. I look forward to the possibility of speaking with you further about this role.

Most Sincerely,



Arfaz Hossain (He/Him)
Software Engineering Student,
University of Victoria