

September 10, 2024

**Safe Software**, Python Team  
Surrey, British Columbia

Dear Hiring Manager:

I am writing to express my strong interest in the *Python Software Developer* Intern position at Safe Software. As a software engineering student at the University of Victoria in British Columbia, I am eager to bring my passion for programming and my enthusiasm for learning to your team. I am confident that this internship will provide me with invaluable experience in a real-world setting, particularly in Python development, object-oriented programming, and API design.

Throughout my academic journey, I have gained hands-on experience with various software engineering concepts, including object-oriented programming, REST APIs, and agile methodologies. My academic and project experiences align well with the requirements of this position:

- **Python Development:** I have built Python-based applications and scripts, applying object-oriented principles to create maintainable and efficient code. I have a strong grasp of REST APIs and have utilized them in several projects.
- **Full-Stack Development:** I've experience developing full-stack applications, working primarily with TypeScript, React and Python. During some projects, I had the chance to design the system, develop schemas for both relational and non-relational databases such as PostgreSQL and MongoDB.
- **Testing and Automation:** My experience spans writing unit and integration tests with frameworks like JUnit and Pytest, as well as creating automated test suites for code reliability and maintenance.
- **Cloud and DevOps Familiarity:** I have some experience with cloud services and have explored tools such as Docker for containerization and Jenkins for CI/CD pipelines.

I am excited about the opportunity to join Safe Software's Python team and contribute to meaningful projects while learning from experienced mentors. I am currently available for **an 8-month** work term and would be open to the possibility of participating in more than two 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