Arfaz Hossain

Victoria, British Columbia

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March 15, 2024

Insurance Corporation of British Columbia (ICBC)
Division: Customer/Finance & Support
Location: North Vancouver, British Columbia
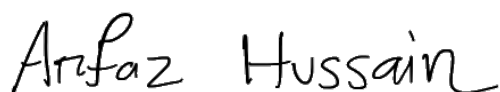
Dear Hiring Manager:

I am excited to apply for the **Full Stack Web Developer - Co-op placement** in the Portals and Procedures Services at Insurance Corporation of British Columbia (ICBC). I am eager to learn and grow in the field of computer-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 of the software development life cycle in a real-world setting.

I have a fascination for developing web and mobile applications, and I am continually learning new skills through personal projects outside school. I have been involved in more than 13 software development projects, which includes developing an iOS weather application in Swift Programming Language, making a 3D graphical simulation of a Rubik's Cube in OpenGL, C^{++} and developing web development projects in React, JavaScript and TypeScript. I have interests in the field of Visual Computing and Artificial Intelligence and have been taking an active interest in the field through my coursework and side-projects. I have been an active member in the UVic Engineering Students Society (ESS), UVic Rocketry club (UVR), VikesLab and have volunteered in multiple events, engaged in development projects throughout my time.

As a third-year student studying software engineering, I have had the chance to learn the basic concepts of object-oriental programming, software development, software testing and evolution, advanced data structures and algorithms. I have actively contributed to the UVic Rocketry Ground Support team as a front-end developer, where I have developed many front-end web-elements in TypeScript-React. I am familiar with writing queries and designing database schema in PostgreSQL as well as NoSQL Databases and have frequently used tools like MySQL and Mongoose in some of my projects. I am also familiar with testing tools such as Selenium, JUnit, Maven, Gradle, and have experience in writing unit and integration testing. Throughout my previous projects, I have utilized ticketing tools like Jira and Kanban. I have also learned the importance of documentation and code refactoring to ensure reproducibility in my code. Additionally, I have gained insight into the intricacies of following Agile Methodologies in a development environment. I am adaptable and always eager to learn and am confident that I can quickly gain familiarity with any new tools or techniques necessary to excel in this role.

I am currently available for an 8 or a 12-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 opportunity to further discuss my skills and experience with Insurance Corporation of British Columbia (ICBC).

Most Sincerely,

Arfaz Hussain

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