1610 Greenfield Avenue, Kamloops, BC, V2B4N3.

**JAGJIT SINGH BILKHU**

Jagjit.raja@yahoo.com

250-682-0867

www.linkedin.com/in/jagjit-bilkhu

**PERSONAL HIGHLIGHTS**

* **Reliable team player and leader:** always commended for leading and contributing to the teams in projects as well as at work to complete tasks with exceptional quality and detail.
* **Willing to learn**: take initiative to learn new things for example, self-taught Andar DBMS system, C++ and currently learning Kotlin programming language and Cordova
* **Communication Skills**: explain problems and possible solutions to fellow students during volunteering sessions in the computer support lab.
* **Problem Solving Skills**: Solved issues with computers and printers and also with various assignments during my volunteer sessions and class assignments

**TECHNICAL SKILLS**

* **Databases**: MySQL, Oracle 11g/12C, Microsoft SQL, MS Access, SQLite
* **Programming**: Java, C/C++, Python, HTML, CSS, JavaScript(Pure JS & JQuery), Bootstrap, Android, Firebase, JSON parsing, Kotlin (Self Learning), WordPress, Web Flow
* **Applications** **& OS**: Git, JIRA, MS Office Suite, IntelliJ, Eclipse Android Studio, Linux, Windows XP,7,8,10, Mac OS

**PROJECTS AND ASSIGNMENTS**

**Native Android Development:**

* Created native android apps like Note Taker, Calculator, Weather App, Movies App using data provided by sources like OpenWeatherMap and The Movie DB API’s in a JSON formatted data from the servers.
* Used Android Architecture Components such as Room-SQLite DB, Recycler views, Services, Content Providers and also used Firebase to have web storage and connectivity

**Web design and Development:**

* Using Andar DBMS, created a web portal to allow agencies to login, fill in forms and attach documents to apply for funding from United Way.
* Used WordPress and Web Flow to create and design multiple web pages for United Way and also for restaurants
* Created multiple websites from scratch using HTML, CSS, JavaScript, JQuery and Bootstrap as class assignments for restaurants and online magazines to display seller’s products to customers.
* Implemented shopping carts and forms to add functions for users to select items and add them to cart

**Relational Database Design and Implementation:**

* Designed relational databases for class projects using MySQL, Oracle 12C and MS Access.
* Implemented Conceptual, Logical and Physical designs for the relational database using SQL and fed in sample data to perform multiple transactions on tables.
* Created functions, procedures, triggers and sequences using Oracle 12C to validate and process data entry before or after an SQL statement is processed.

**EDUCATION**

**Computing Science Diploma**

Thompson Rivers University - 2015-Present (Kamloops)

**Advanced Level Sciences High School Diploma**

Aga Khan High School - 2011-2013 (Kampala, Uganda)

**WORK & VOLUNTEER EXPERIENCE**

**QA Analyst (COOP)**

*Atimi Software (Vancouver) - September 2016 - April 2017*

* Worked in multiple agile projects, a Sports team app and a food-ordering app as a QA Tester, testing on Android and iOS
* Verified user stories, and generated test cases for them and later verified bug fixes to ensure stable and quality releases
* Executed test cases to discover errors and optimize usability.
* Recorded defects into JIRA with well explained but brief descriptions to help developers identify and solve them

**Technology Associate (COOP)**

*United Way-Thompson Nicola Cariboo (Kamloops) - June 2016 - September 2016*

* Andar Web Portal: Designed and created the online Community Building web portal with the Andar Database to improve process of handling and organizing applications for funds
* This allowed United Way to reach more agencies across the region and process the applications in a more convenient process.
* IT-Services: Provided assistance with daily tasks like computer setup, maintenance and data entry.
* Web Design: Used WordPress to create and edit web pages for the [unitedwaytnc.ca](http://www.unitedwaytnc.ca/) website.

**Team Lead**

*Subway Restaurants (Kamloops) - July 2017 – Present*

* Customer service: Interacted with customers to create sandwiches up to the standards of Subway and provide an exceptional experience to customers.
* Teamwork: Work in a team and coordinated tasks and activities among team members.
* Ensure quick service as well as keep up cleanliness standards and hygiene in the restaurant.

**BC Winter Games Computer & Communications Support (Volunteer)**

*February 2018(Kamloops)*

* Volunteered as a Computer and communications assistant during 2018 BC Winter games. Responsible for setting up and taking down computers.
* Provided technical and networking support in the results center to allow quick uploading of event results to the website

**Computer Science Support Lab (Volunteer)**

*Thompson Rivers University (Kamloops) - Jan 2018 - Present*

* Volunteering as a support lab member to help fellow students by explaining various approaches and methods to tackle assignments and projects.
* Help students in Java, JavaScript, Python, and Android development.

**Java Teaching Assistant (Volunteer)**

*Thompson Rivers University (Kamloops) - Jan 2016-April 2016*

* Guided students and explained the concepts of object oriented programming and application of Java Logic in simple terms to allow easy understanding.
* Graded quizzes, assignments of students and provided corrections to errors.

**REFERENCES**

**Amy Berard**

*(Community Impact Manager - United Way TNC)*

Telephone: 250-372-9933

Email: [amy@unitedwaytnc.ca](mailto:amy@unitedwaytnc.ca)

**Mohd Abdullah**

*(Senior Instructor TRU)*

Telephone: 250-851-9393

Email: [mohda@tru.ca](mailto:mohda@tru.ca)

**Emily Lau**

*(QA Lead – Atimi Soft Ware)*

Telephone: 778-372-2800

Email: elau@atimi.ca