1610 Greenfield Avenue, Kamloops, BC, V2B4N3.

**JAGJIT SINGH BILKHU**

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250-682-0867

**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 with various assignments during my volunteer sessions and class assignments.

**TECHNICAL SKILLS**

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

**PROJECTS**

**Native Android Development:**

* Created native android apps like Note Taker, Calculator, Weather App and a Movies App using data provided by sources like OpenWeatherMap and The Movie DB API 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 for restaurants to advertise and display their menus online.
* 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 with a shopping cart forms to add functions for users to select items and purchase them online.

**Relational Database Design and Implementation:**

* Designed relational databases for projects in 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.
* Normalized and cleaned tables to reduce redundancy and duplicated data
* 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 & VOLUNTEERS 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.
* Appium Automation testing with JUNIT test framework to automate some test cases
* 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 and assist more agencies in the region.
* IT-Services: 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: Worked in peak hours of restaurant in a team and coordinated tasks and activities to ensure quick service as well as keep up cleanliness standards and hygiene in the restaurant.

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

*Feb 2018(Kamloops)*

* Volunteered as a Computer and communications assistant during 2018 BC Winter games. Responsible for setting up and taking down computers as well as providing technical and networking support across all events in Kamloops

**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. Also graded quizzes, assignments of students and provided corrections to errors.

**REFERENCES**

**Danalee Baker**

*(Executive Director*

*United Way TNC)*

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**Kristi Rintoul**

*(Senior Community Impact Manager*

*United Way TNC)*

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**Emily Lau**

*(QA Lead – Atimi Software)*

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**Aras Balali Moghaddam**

*(Sessional Instructor – TRU, Android Developer)*

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