

Jaspreet Singh Dhami

Edmonton, AB, Canada (**open to relocate**) | jsdhami141@gmail.com | [LinkedIn](#) | (780) 716-7146

Highlights of Resume

1. Proven ability of team collaboration, demonstrated by leading a group of six in developing an Android app.
2. Experience of integrating hardware and software to make an interactive program.
3. Developed problem-solving skills while working as a Front Desk Attendant and completing personal projects.
4. Exceptional conversational skills as a Recruitment Coordinator, conducting interviews with prospective hires.

Skills

Data Analytics: R language, SQL, NoSQL, MongoDB, Tableau, PowerBI, MS Office Tools

Programming Languages: Python, Java, R language, C++, C, Julia, Assembly

Web Development Tools: HTML, CSS, Django, JavaScript (JS), Bootstrap, React.js

Cloud Computing: AWS services, Machine Learning, DevOps, Docker Cloud

Agile Development Tools: JIRA, GitHub, Git, Monday.com, Smartsheet

Education

University of Alberta | 4th year BSc. Specialization Computing Science

Sept 2020 – Present

Awarded Dean's Honor Roll

April 2021

Projects

Nodenet Social Networking site (Django, JavaScript, Heroku):

Sept 2023 - Dec 2023

1. Developed a fully functioning **cross-network social networking platform**.
2. Used Django and JS for backend, and HTML/CSS for frontend.
3. **Deployed the project on Heroku** for other peers to access.
4. Used GitHub while practicing **agile project management** skills to develop the application.

Crossy Road with Muscle Input (Python, C++, Arduino Uno, Bio Amp EXG Pill):

October 2023

1. Spearheaded the development of popular Crossy Road game by **integrating hand muscle input** for navigation.
2. **Filtered the live data** collected through bio amp EXG pills to easily interpret the commands.
3. Orchestrated the setup, connecting the bio amp EXG pill to the Arduino Uno and **ensuring the integration** with the game on a laptop.

Meal Planner Android Application (Java, Android Studio, Firebase, Junit):

Sept 2022 - Dec 2022

1. Spearheaded a group of six to develop an android meal planner application.
2. Used **agile development practices** to manage the project.
3. Conducted **regression testing** via JUnit and Intent tests to ensure proper functioning.
4. Employed **GitHub** to integrate the project, overseeing the merging of **24+ branches**.

Bella Beat Case Study (Kaggle, R language, Excel, SQL):

May 2022 - June 2022

1. An independent case study where I posed as **Junior Data Analyst** at Bellabeat.
2. Leveraged data frames to **clean, transform, and manipulate 1.5M+** data rows.
3. Used ggplot for **bar graphs and scatter plots** to reveal insights from **12 distinct data patterns**.
4. **Merged, joined, and summarized** multiple data frames to enhance data clarity.

Command Line Song Application (Python, SQL):

Sept 2022 - Dec 2022

1. Co-created a feature-rich command-line song application using **SQL and Python**.
2. Refined the **SQL queries** to fetch data. Resulting in running time to drop drastically by **40%**.
3. Conducted extensive **manual testing**, validating functionality for **80%+ functions**. Then, optimized the queries.
4. Comprehensively **documented functions** for clarity.

Certifications

Data Science R Basics: HarvardX

June 2020

Google Data Analytics: Coursera

May 2023

Fundamentals of Reinforcement Learning: Coursera

Jan 2023

Experience

Recruitment Coordinator:

Sept2022 – Present

International Student Society, University of Alberta

1. Enhanced my conversational skills by conducting interviews with prospective hires.
2. Developed reliable time management to provide other departments with new hires.

Front Desk Attendant:

May 2022 – Present

Student and Guest Services, University of Alberta

1. Developed collaborative skills by working with the Front Desk Team.
2. Developed problem solving skills to enhance the customer experience.

Stylist:

Dec 2021 – Aug 2022

Banana Republic Factory Outlet, Edmonton

1. Enhanced and showcased creativity by helping customers match their clothes.
2. Demonstrated strong work ethics, appreciated by positive feedback from customers and peers.