Karan Dahiya

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SKILLS

- **Programming Languages**: Java, C++, Python, C#, SwiftUI
- **Front-End**: HTML, CSS, JavaScript, React, Bootstrap, Tailwind CSS, Node.js, Figma, Adobe XD
- **Back-End**: NodeJS, Django, SQL*PLUS, MySQL, MongoDB
- **Version control**: Git, GitHub
- **Cloud & DevOps**: Amazon Web Services (AWS)
- **Game Development / Interactive media**: Unity
- **Data & Business intelligence tool**: Tableau, Power BI

EDUCATION

Information & Computer Systems Technology - Camosun College, Victoria, BC
Jan 2024 – Aug 2025
Dean's Honor Roll – Winter 2024

PROJECTS

EasyMed - DBMS based Healthcare Portal | *MySQL, Node.js, JavaScript, HTML, CSS, Bootstrap*
- An end-to-end database focused portal for patient registration, organizing information and fixing appointment with healthcare professionals

VIC-Mart - E-commerce website | *HTML, CSS, Bootstrap, JavaScript*
- A dynamic e-commerce site with real-time data, geolocation, and currency conversion for a seamless user experience.
- Implemented SPA architecture with categories, cart, and favorites and professional design

Bidding Program | *JAVA*
- A Java GUI based Order Management System where users can view, create, and bid on orders
- Features include bid data that is read, written, and stored in JSON file, while contacts are managed in XML file, with dynamic views following the MVC pattern and filter functionality for easier navigation.

CloudPoint - APIs based Weather Application | *JavaScript, Handlebars, Node.js*
- A Google Maps & Weather API based application for real-time weather information on Maps with additional functionalities

Interactive Media & Game Design
- Pick a treasure Game | *Python, Django*: Using sockets, threads, and Django to power the server & client. Players can connect to the server, select coordinates to pick treasures.
- Golf Glide Game | *C#, Unity*: A 3D physics-based golf game with realistic lighting and intuitive input controls where players move a ball into a hole using a cube-controlled character
- Tetris Game | *C++*: A colorful 2D Tetris game in C++ with score display, next piece preview, and crash-proof exception handling

PROFESIONAL EXPERIENCE

Assistant Coordinator | Allianz Partners | Full-time   Jul 2023 - Dec 2023
- **Leveraged SQL's functions** to extract relevant information & conduct insightful analysis by uncovering key metrics such as demand seasonality, churn rate & competition dynamics, thus optimizing lead conversion tracking and sales performance analysis ensuring data-driven decision-making.
- **Developed BI Dashboard** that effectively conveyed top KPI's, enabling strategic planning and targeted sales initiatives. **Used CRM** to connect to clients, enhancing engagement through personalized outreach and tailored product presentations.
- Received commendation from board of directors for company's monthly **revenue increase of 25%**

LEADERSHIP & VOLUNTEER EXPERIENCE

House Captain | Greenwood Public School   Sep 2021 - Jan 2023
Directed over seven campaigns; collaborated with organizations like Connecting Dreams Foundation creating impact among **450+ people,** organized interschool competition & was responsible for inter-departmental collaboration.

Education Volunteer | Kilkari – Delhi   May 2022 - Oct 2022
Tutored 30+ underprivileged children, contributing to bridging the education gap. Organized fundraising campaigns and awareness rallies to support educational initiatives