**HARSHDEEP SINGH**

**ASPIRING WEB DEVELOPER**

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 [Harshdeepsdhillon1](https://github.com/Harshdeepsdhillon1) |  [Portfolio](https://harshdeepsinghdhillon.onrender.com/)

**EDUCATION**

**GEORGIAN COLLEGE COMPUTER PROGRAMMING *(May 2023 - January 2025)***

**RELEVANT COURSEWORK**

* **Web Development (HTML, CSS, JavaScript, React, Angular)**
* **Cloud Deployment & Automation (Azure, Render, REST APIs)**
* **Object-Oriented Programming (Java, Python)**
* **Database Management (MongoDB, MySQL)**
* **MVC Architecture (ASP.NET, Node.js)**
* **Android Development (Java, MVVM, API Integration)**
* **Agile Project Management**

**TECHNICAL SKILLS**

**LANGUAGES:** HTML, CSS, JavaScript, Python, Java, C++, C#, SQL

**FRAMEWORKS:** ASP.NET, Node.js, Angular, Express, React, Bootstrap, jQuery

**CLOUD & DEPLOYMENT:** Azure, Render, Heroku, MongoDB Atlas

**DEVELOPER TOOLS:** Git/GitHub, Visual Studio, VS Code, Linux, Android Studio, PyCharm, IntelliJ IDEA, MySQL Workbench

**DATABASE & APIs:** MongoDB, MySQL, Restful APIs

**OTHER COMPETENCIES:** OOP, MVC, MVVM, Agile/Scrum, Responsive Design, Automation, Problem Solving

**PROJECTS**

**PORTFOLIO WEBSITE *NODE.JS, HBS, CSS, EXPRESS.JS, MONGODB***

Delivered a live portfolio website hosted on Render, enhancing personal branding and increasing engagement through interactive UI and automated contact form responses.

**SHOE INVENTORY MANAGEMENT SYSTEM *JAVA, OOP, MYSQL***

Streamlined inventory operations by 25% with a Java-based system that automated stock tracking across multiple product categories.

**SNAKE GAME *PYTHON, OOP, TURTLE GRAPHICS***

Designed a responsive Snake Game with real-time scoring, improving game mechanics and user experience while showcasing OOP expertise.

**BANKING APPLICATION** *JAVA, OOP, MYSQL, SCENE BUILDER*

Enhanced transaction processing by 20% with a banking app featuring account management, transaction history, and a user-friendly GUI.

**MOVIE BROWSER APP *JAVA, Restful API’s, OOP, MVVC***

Accelerated data retrieval by 30% in an Android movie app, leveraging RESTful APIs and MVVM architecture to deliver a seamless browsing experience.

**GITHUB AUTHENTICATION *ASP.NET, MVC, OAuth***

Reduced manual account setup by 40% by integrating GitHub OAuth into an ASP.NET e-commerce platform, improving login security and efficiency.

**SALES PERFORMANCE *PYTHON, PANDAS, CSV***

Boosted sales recognition by 15% for Aldo Canada through a Python script that analyzed sales data and identified top-performing employees.

**VIRTUAL TIM HORTONS COFFEE MACHINE** *C++, ARDUINO, TINKERCAD*

Simulated an automated coffee machine using C++ and Arduino in Tinker CAD, demonstrating hardware control and embedded system design.

**ACHIEVEMENTS/CERTIFICATIONS**

* [**MICROSOFT AZURE CLOUD PRACTIONER**](https://learn.microsoft.com/en-us/users/me/achievements?tab=tab-learning-paths#trophies-section)**:** Gained foundational knowledge of cloud services and Azure's core features.
* [**AZURE DEV OPS FOR BEGGINERS**](https://www.linkedin.com/learning/certificates/48b4212d86308e32d49edbd3f6443f63b3f25f3b83598e2730a1af5c625f2901)**:**  Acquired skills in CI/CD, version control, and project deployment.
* [**LEARNING JIRA (CLOUD EDITION)**](https://linkedin.com/learning/certificates/b5446ffd607d2ba791ff14566eb80b01c58d7b3eed7b70ec591677b3f68aa0f8)**:** Developed proficiency in Agile project management tools using Jira.
* **CERTIFICATE OF MERIT:** Recognized for excellence in C++ programming and problem-solving.

**PROFESSIONAL EXPERIENCE**

**SALES LEAD/KEYHOLDER** – GLOBO SHOES/ALDO GROUP *(June 2023 – September 2024)*
**SALES LEAD/KEYHOLDER** – FAMOUS FOOTWEAR/ CALERES *(September 2024 - Present)*

* Led task assignments based on team strengths, achieving sales targets and optimizing performance—demonstrating leadership and teamwork.
* Analyzed KPIs to improve performance, showcasing data-driven decision-making applicable to software development.
* Managed POS operations and financial accuracy, highlighting attention to detail and problem-solving skills.
* Enhanced store appeal through visual merchandising, reflecting user-centric design principles relevant to front-end development.
* Oversaw stock management and online order processing, showcasing workflow optimization and project management abilities.
* Delivered exceptional customer service, emphasizing a user-focused approach.
* Trained and mentored team members, demonstrating leadership and effective communication.