Dharm Patel

🌐 Portfolio   ✉ dharmspatel2003@gmail.com   📞 +1 204 951 2662   in Dharm Patel   ⌂ Ppatel2301

Education

University of Manitoba   *Sept 2021 – Dec 2025*
Bachelor of Computer Science
Minor in Mathematics

Skills

Primary Languages: Java, C++, C, Python, JavaScript, C#, SQL

Mobile & Frontend: Android (Java), HTML, CSS, JavaScript, React (basic)

Backend & Systems: RESTful APIs, .NET, Microsoft SQL Server, Firebase (basic), Server-side development

Systems & IT: Systems Administration, Operating System Administration, Microsoft Windows, Linux (basic), Computer Networking, TCP/IP, Network Security, File Systems, Technical Support, IT Automation (basic)

Tools & Cloud: OpenCV, Android Studio, Git, Gitlab, Linux/Bash (basic), VS Code, Xcode

Concepts: Object-Oriented Programming, Agile Development, Human-Computer Interaction (HCI), Database Management, Professional Practice, Multithreading (Java - academic), Software Engineering

Experience

Software Developer Intern (Game Development, Remote)   *England, UK*
YouLearnt   *June 2024 – Aug 2024*

- Designed and developed an interactive educational game using JavaScript, HTML, and CSS, focusing on performance, responsiveness, and user engagement.
- Implemented core game logic including randomized problem generation, scoring systems, and real-time feedback loops.
- Worked with designers and stakeholders to translate educational requirements into technical features.
- Used Git for version control, feature branching, and collaborative development in a team environment.
- Debugged and optimized gameplay logic to improve reliability and user experience.

Produce Clerk   *Winnipeg, Manitoba*
Superstore   *April 2022 - Present*

- Built displays and arranged department products to create attractive presentations, highlighting featured and seasonal items
- Assisted customers with product, promotion, and policy information
- Monitored work environment to maintain safety, cleanliness, and organization.
- Updated pricing and sales signs to promote merchandise

Cashier   *Winnipeg, Manitoba*
Dollarama   *Oct 2021 - Dec 2021*

- Perform sales floor work, such as assisting customer, stocking shelves, and staying at the cash.
- Performed all checkout procedures quickly and accurately each time.

Projects

Label Printer

- Built a responsive GUI based app using C# which allows the shipments that came in by rail or by truck to record their delivery to the company.
- Designed and developed the application using Windows Forms in Visual Studio, allowing users to enter delivery information and generate shipping labels.
- Utilized SQL to add new data to the database, enabling the company to keep track of the deliveries that came in on which day and time.
- Implemented features such as input validation, error handling, and label formatting to ensure accurate and efficient data entry.

CommuteCompanion
- Built a web application that combines Winnipeg Transit and OpenWeather APIs to show nearby stops, routes, and current weather.
- Used the user's location to find nearby transit stops and plan trips between two locations.
- Added the ability to save favorite stops and locations for quick access.
- Deployed the site using Firebase Hosting and connected it to GitHub so updates are automatically redeployed after each push.
- Focused on clear code structure and basic error handling to keep the app reliable as features were added.

Sonicmatic — Android Music Player
- Built a music player application in Android Studio that allows users to browse and play music stored on their device.
- Worked with Java to implement basic playback functionality and organize music into a simple, usable interface.
- Designed the app with the goal of supporting larger music libraries and easy navigation.
- Used Git and GitHub to manage source control and track changes throughout the project as part of a course assignment.

Gesture Controlled Volume System
- Built a computer vision application that adjusts system volume based on hand gestures captured through a webcam.
- Used OpenCV in Python to detect hand landmarks and track finger movements in real time.
- Mapped gesture distances to volume levels to allow hands-free audio control.
- Focused on real-time performance and basic error handling to improve usability under different lighting conditions.

E-Commerce Website (WordPress / WooCommerce)
Freelance Web Developer
- Built a responsive e-commerce website using WordPress, WooCommerce, and the Avada theme, and deployed it for live use.
- Customized page layouts and product listings to match the business's workflow and requirements.
- Set up user accounts managed by the business, allowing customers to log in and access the site.
- Implemented cart and order submission features where orders are placed without upfront pricing and reviewed manually by the business.
- Configured hosting and domain on Hostinger and handled deployment and basic site optimization.