

# Aswin Thapa

84 Whitefield Crescent

NE Calgary Ab T1Y 5K1

<https://github.com/Aswin2058>

Phone: (672) 377 2001

Email: [btnaswin00yt@gmail.com](mailto:btnaswin00yt@gmail.com)

## Objective

To obtain a 4-month internship as a Software Developer at Land Systems-Canada starting May 2025, where I can contribute to the development of high-quality software solutions for Light Armoured Vehicles while enhancing my skills in embedded systems and desktop application development. As a dedicated programming student at Robertson College, I am continually striving to enhance and refine my coding skills through hands-on projects and innovative solutions. I am passionate about collaborating within dynamic teams to solve complex problems, but I also excel when working independently.

## Education

### Robertson College

[Diploma in Computer Programming]

[2024-2025r]

## Technical Skills

- **Programming Languages:** C, C++, JAVA, JAVASCRIPT, PHP, HTML5, CSS, PYTHON, BOOTSTRAP, SQL AND PL/SQL
- **Platforms:** Windows, Linux (Ubuntu, Fedora)
- **Frameworks/Tools:** Xamarin Forms, Qt, UML, Atlassian Suite
- **Networking Protocols:** TCP/IP, UDP, SAE J1939
- **Development Methodologies:** Agile, V-Model

- **Software Testing & Debugging:** Unit Testing, Functional Testing, Real-Time Debugging
- **Other Skills:** Cyber Security (NIST, SAE J3061), Safety-Critical Systems (ISO 26262/MISRA)

## Projects

### Step it Up (Step It Up)

#### Full-Stack Web Application Project

- Developed a fully functional web application providing [specific functionality or purpose].
- Utilized Bootstrap and responsive CSS to ensure 100% responsiveness and compatibility across all screen sizes.
- Designed and implemented interactive and functional multi-page navigation.
- Created and secured databases for efficient data management and protection.
- Leveraged GitHub for version control, deployment, and collaboration.
- Enhanced user experience through optimal UI/UX design practices.

### Bk Renovation and Int (BK Renovation Co.)

#### Responsive Website for Renovation Company Project

- Used responsive CSS to ensure 100% responsive and JS to ensure 100% functional.
- Utilized local storage to handle customer ratings and reviews effectively.
- Designed an intuitive interface to improve user engagement and accessibility.
- Deployed and managed code versions using GitHub for streamlined development.

