

# Divya Pateliya

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## EDUCATION

**University of Lethbridge, Lethbridge, AB**

*Anticipated – January 2026*

*B.Sc. & B.Mgmt in Computer Science & Business Management*

*Minor in Mathematics*

*Cumulative GPA: 3.46*

**Relevant Coursework:** Software Engineering, Data Structures & Algorithms, Data Science & Analytics, Database Systems, Data Mining and Deep Learning, Statistics, Artificial Intelligence

## PROFESSIONAL WORK

**Software Developer Intern**

*Jan 2024 – Present*

*Arcurve Inc.*

*Calgary, AB*

- Adapted **Blazor** and **.NET Core** technologies to develop a powerful internal application to streamline critical business processes.
- Developed and deployed comprehensive features that impacted company-wide day-to-day operations resulting in a **20%** reduction in administrative workload.
- Streamlined project management by integrating **Azure DevOps** for task tracking, version control, and CI/CD pipelines, reducing project delays.
- Achieved a significant enhancement in system scalability by refactoring backend logic, cutting processing time by **35%**, optimizing code performance and maintainability.
- Documented comprehensive deployment procedures, standardizing application deployments across environments and lowering deployment failures by **50%**.
- Created a UI Automation testing C# class library for a large-scale nationwide application
- Built a website for a CSR initiative that raised over **\$4500** for charity organizations.

## PROJECT WORK

**Team Lead / Full-Stack Developer** | Client-project

*April 2024 – Present*

*Vilas Esthetics & Nails Spa*

*Calgary, AB*

- Directed a team of six in developing a Full-Stack website with Next.js 14, TypeScript, and React; boosted client's online presence and improved client user engagement.
- Facilitated **Agile** processes to propel project advancements, enhance teamwork, and meet changing client requirements, increasing client approval scores.
- Managed bi-weekly client update meetings, improving project transparency, and reducing feedback turnaround time by **50%**, accelerating project milestones.
- Implemented Google Business Profile APIs to retrieve and display customer review data

**Unity Apprentice** | Volunteer-work

*May 2022 – August 2022*

*Help Us Defend*

*Remote*

- Collaborated with a team to design and implement engaging, kid-friendly game concepts.
- Developed proficiency in C# programming and utilized scripting to create and manage objects within the Unity game development environment.

**Titanic Dataset Analysis** | Sklearn, Pandas, Matplotlib, Seaborn

[\(Source Code\)](#)

- Developed and implemented a decision tree to break information of categorical data
- Designed multiple graphs to present raw data for further interpretation
- Applied methods of data wrangling and preprocessing to make a random forest model
- Achieved a model accuracy of **78%** to determine survivability of passengers onboard

## TECHNICAL SKILLS

**Languages:** C++, C#.NET, Python, TypeScript, JavaScript, SQL, HTML5

**Frameworks and Libraries:** Tailwind CSS, MySQL, React, Next.js, Blazor, .NET Core

**Testing Tools & Libraries:** Playwright, NUnit, AutoFixture, Fluent Assertions

**Tools and Platforms:** GitHub, Jupyter Notebook, Git, Vercel, Azure DevOps, Miro