

# Divya Pateliya

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## SUMMARY

Graduating December 2025 with degrees in Computer Science and Business Management. With over a year of industry work experience in full-stack development and business-driven software. Seeking full-time role starting January 2026.

## EDUCATION

### University of Lethbridge, Lethbridge, AB

Graduating: **December 2025**

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

*Minor in Mathematics*

**GPA: 3.50**

**Honors & Awards:** 2024/2025 [Shining Student](#), 2024/2025 Co-op Ambassador of the Year, Dean's List 2021/2022

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

## WORK EXPERIENCE

### Systems Developer Intern

January 2025 – Present

*Canadian Natural Resources Limited.*

*Calgary, AB*

- Increased data reliability by **20%** through writing and executing high-impact **SQL** scripts for bulk data insertion and cleansing in Oracle SQL Developer and Microsoft SQL Server.
- Delivered **performance-optimized** features for enterprise **Progressive Web Apps** using .NET, Blazor, C#, and Syncfusion, improving load times and UI responsiveness.
- Engineered console applications to automate database **extraction** and file processing, reducing manual data handling time for historical datasets by **70%**.

### Software Developer Intern

January 2024 – August 2024

*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 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%**, and optimizing code performance and maintainability.
- Documented comprehensive deployment procedures, standardizing application deployments across environments and lowering deployment failures by **50%**.

## PROJECT WORK

### Pokédex Web App | JavaScript, HTML, CSS, React, REST API, DOM

[\(Source Code\)](#)

- Implemented efficient data retrieval and display mechanisms to optimize performance and reduce load times.
- Designed a responsive and user-friendly interface using **React**, ensuring seamless navigation and user experience.

### Titanic Dataset Analysis | Sklearn, Pandas, Matplotlib, Seaborn, Python

[\(Source Code\)](#)

- Developed and implemented a decision tree to break information of categorical data.
- Achieved a model accuracy of **78%** to determine survivability of passengers onboard.

## LEADERSHIP

### Co-op Ambassador

September 2024 – April 2025

*University of Lethbridge*

*Lethbridge, AB*

- Initiated and hosted a new tech-focused workshop covering resume building, networking, and interview prep — now planned as a recurring event before each career fair

## TECHNICAL SKILLS

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

**Frameworks and Libraries:** React, Blazor, .NET 8 Core, EF Core, Syncfusion, MudBlazor

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

**Tools and Platforms:** Jupyter Notebook, Git/GitHub, Azure DevOps, VS/Code, Oracle SQL Developer, PostgreSQL