

Divya Pateliya

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SUMMARY

Aspiring Software Developer pursuing dual degrees in Computer Science and Business Management, with experience in full-stack development, optimizing data systems, and delivering business-focused solutions.

EDUCATION

University of Lethbridge, Lethbridge, AB

Anticipated – May 2026

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

Minor in Mathematics

Cumulative GPA: 3.49

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, Linear Algebra

WORK EXPERIENCE

Systems Developer Intern

January 2025 – Present

Canadian Natural Resources Limited.

Calgary, AB

- Improved data accuracy by **20%** through optimizing **SQL** scripts to clean **4,000+** historical records.
- Enhanced system performance by developing new features for a Progressive Web App (PWA) using **.NET** and **Blazor**.
- Strengthened system security by identifying and resolving software vulnerabilities.
- Facilitated a seamless Microsoft 365 migration by assisting 100+ personnel with deployment issues.

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

[\(Source Code\)](#)

- Designed a responsive web app to display real-time Pokémon data via a RESTful API.
- 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 – Present

University of Lethbridge

Lethbridge, AB

- Actively participate in employer outreach, fostering relationships, and expanding student opportunities.
- Collaborate with professors to deliver impactful presentations, promoting the Co-op program to student body.

TECHNICAL SKILLS

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

Frameworks and Libraries: React, Next.js, Blazor, .NET Core, MSSQL, EF Core, Syncfusion, MudBlazor

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

Tools and Platforms: Jupyter Notebook, Git, Vercel, Azure DevOps, Visual Studio/Code, Oracle SQL Developer