

Divya Pateliya

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EDUCATION

University of Lethbridge, Lethbridge, AB

Anticipated – December 2025

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

Minor in Mathematics

Cumulative GPA: 3.46

Awards: 2024's Shining Student, 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

PROFESSIONAL WORK

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 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%**, and 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 Student | 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.

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

[\(Source Code\)](#)

- Integrated a RESTful API to fetch and display real-time data, handling asynchronous requests to ensure up-to-date information
- 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
- 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

LEADERSHIP

Co-op Ambassador

September 2024 – Present

University of Lethbridge

Lethbridge, AB

- Actively participated in employer outreach, fostering relationships, and expanding student opportunities.
- Collaborated with professors to deliver impactful presentations, promoting the program during classroom visits.

TECHNICAL SKILLS

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

Frameworks and Libraries: Tailwind CSS, MySQL, React, Next.js, Blazor, .NET Core, PostgreSQL, MSSQL, EF Core

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

Tools and Platforms: GitHub, Jupyter Notebook, Git, Vercel, Azure DevOps, Miro, Jira, Visual Studio/Code