

Debojeet Dam

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Technical Skills

Languages: Python, C/C++, C#, HTML/CSS, JavaScript, SQL, Java

Frameworks & Tools: React, MySQL, NodeJS, DynamoDB, AWS, Docker, Git/GitHub, NextJS 14, Blazor, .NET8, EF Core, Microsoft Azure DevOps, Jira, Unity

Experience

Arcurve

May 2025 – Present

Software Developer Intern | Blazor, .NET8, EF Core, Microsoft Azure DevOps

Calgary, AB

- Refactored a legacy codebase by implementing a modular filtering system and integrating new MudBlazor UI components with .NET 8 and Entity Framework Core backends.
- Collaborated with the team to optimize CI/CD pipelines using Microsoft Azure DevOps, improving deployment speed, reliability, and developer workflow.
- Contributed in a corporate social responsibility (CSR) initiative, helping raise over \$2,000 for charity through internal campaigns and team-led fundraising events.

Vivordo

May 2025 – Present

CEO

Calgary, AB

- Led incorporation, legal structuring, and successful onboarding of a biotech startup into a competitive incubator program, laying the foundation for early-stage funding and growth.
- Validated dual-product strategy—a Backend-as-a-Service (BaaS) platform and complementary hardware—through extensive market research and 40+ customer discovery interviews.
- Collaborated with board members and technical leads to architect a proprietary BaaS algorithm (patent in progress) and defined a go-to-market strategy aligning product vision with investor interest.

Extracurricular

TechStart

September 2024 - May 2025

Product Manager | C#, Unity

Calgary, AB

- Spearheaded the development of a 2D story-based platformer game promoting sustainability awareness using Unity and C#, leading a 9-member team through Agile sprints and increasing productivity by 30%.
- Managed tasks and sprint planning with Jira, ensuring team transparency and timely delivery; showcased the final product at the TechStart Final Showcase and earned the Best Design award.

University of Calgary Students' Union

May 2024 - May 2025

Faculty Representative: Schulich School of Engineering

Calgary, AB

- Elected Students' Union Representative (2024) with 489 votes, representing 4,200+ engineering students; collaborated with the faculty dean to advocate for academic improvements and successfully appealed a grading policy, reducing a course fail rate from 80% to 10%.
- Led a successful referendum campaign that secured a 33% reduced fee assessment for co-op and internship students, aligning costs more fairly with enrollment status.

Alberta Collegiate Robotics

July 2023 - April 2024

Project Manager | Python, OpenCV

Calgary, AB

- Spearheaded the development of an innovative bionic arm by leading three subteams (Software, Mechatronics, Biological Research) and integrating 3D-printed components, EMG sensors, and servo motors.
- Achieved 90% gesture recognition accuracy using Python and OpenCV for hand tracking; programmed Arduino firmware to control servo actuation based on real-time gesture data.

Education

University of Calgary

Sep 2022 – May 2027

Bachelor of Science in Software Engineering, Minor in Entrepreneurship and Enterprise Development

Calgary, AB

- Awards: 3x (2022 - 2024) - 1st Place Schulich Engineering Competition [Consulting Engineering] (2023, 2024), 2nd, 3rd Place Western Engineering Competition [Consulting Engineering], Jason Lang Scholarship