

# Debojeet Dam

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## Technical Skills

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**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

## Education

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### 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

## Experience

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### Arcurve

May 2025 – Dec 2025

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

Calgary, AB

- Owned product definition and delivery for a financial health scoring feature, translating business objectives into structured requirements and improving forecasting accuracy by **20%** through newly developed scoring framework.
- Led a major product rebuild by defining backlog tickets, prioritizing scope against KPIs, and driving end-to-end execution to deliver a production-ready release aligned with business objectives.
- Conducted targeted testing on an emailing component of the product, eliminating spam-sending defects and improving render speed by **60 ms** through streamlined workflows and stronger guardrails.
- Refactored legacy codebase to incorporate a modular filtering system, improving maintainability by standardizing UI patterns and enabling faster feature delivery through reusable components.

### Vivordo

May 2025 – Present

*Product Manager & Co-Founder*

Calgary, AB

- Led an **8-member** cross-functional team through the full product lifecycle to build a stress analytics and precision wellness platform, overseeing discovery, MVP scoping, architecture planning, and prototype execution.
- Led market research with **100+** survey responses and 1:1 interviews; translated insights into user personas, prioritized roadmap, and refined value proposition for AI-driven stress insights.
- Directed product architecture integrating **Apple HealthKit** with **Flutter** and **Firebase**; launched initial prototype leveraging **Gemini LLM** for personalized recommendations and refined prompt architecture through iterative testing to improve recommendation relevance and reduce repetitive outputs based on structured user feedback.

## Leadership & Product Experience

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### TechStart

September 2024 – May 2025

*Product Manager* | C#, Unity

Calgary, AB

- Led a **9-member** cross-functional team to develop a 2D story-based sustainability platformer using **Unity and C**, owning product vision, sprint planning, and feature prioritization across multiple Agile sprints.
- Conducted competitive and user research to validate engagement mechanics and educational value; translated findings into structured product requirements, gameplay workflows, and iterative backlog refinement.
- Managed end-to-end Agile execution using Jira, defining user stories, acceptance criteria, and workflows; improved sprint velocity and team productivity by **30%** through structured task allocation and retrospectives.
- Delivered final product at the TechStart Final Showcase, earning the **Best Design Award** for user experience, gameplay cohesion, and thematic integration.

### 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.